

FORM A: BID
(See B7)

1. Project Title **SUPPLY & DELIVERY OF A TANDEM AXLE OIL DISTRIBUTOR TRUCK**

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

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 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.

Template Version: G320040301

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 sixty (60) 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 TANDEM AXLE OIL DISTRIBUTOR TRUCK

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	Supply & Delivery of a Tandem Axle Oil Distributor Truck	07001	Each	(1)	\$ _____	\$ _____
2	Parts manuals, CD's preferred	07001	Each	(1) Set	\$ _____	\$ _____
3	Technical service manuals, CD's preferred	07001	Each	(1) Set	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____						

 Name of Bidder

FORM N (R1): DETAILED SPECIFICATIONS 07001

SUPPLY & DELIVERY OF A TANDEM AXLE OIL DISTRIBUTOR TRUCK (Streets & Maintenance)

1.0 **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-**

- 1.1 **The Supply & Delivery of a Tandem Axle Oil Distributor Truck shall be a 2007 or 2008 model year.**
The vehicles shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned but which are required to complete and place the vehicle into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the vehicle.
- 1.3 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.
- 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 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 1.6 The completed unit and all its components shall comply with all C.M.V.S.S. Canadian Motor Vehicle Safety Standards, M.H.T.A. Manitoba Highway Traffic Act, S.S.A Safety Standards Act, F.M.V.S.S Federal Motor Vehicle Safety Standards, D.O.T Department of Transportation, and T.D.G., Transportation of Dangerous Goods, regulations and requirements as applicable, including but not limited to, a Manitoba Government Inspection with Safety Sticker on the driver's side window.

2.0 **SERVICE FACILITY-**

- 2.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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.
- 2.2 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 **2007: \$80.00 / hour and \$105.00/hour for overtime and callout.**)

2.3 **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. --- 2.3.1) OR 2.3.2)

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

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

3.0 FUNCTION & PREFORMANCE-

3.1 Fill tank by Distributor pump from outside source. _____

3.2 Circulate material in tank. _____

3.3 Circulate material in spray bar. _____

3.4 Spray at a constant desired application rate, regardless of variance in truck speed. _____

3.5 Return material in spray bar to tank by pump suction. _____

3.6 Hand spray _____

3.7 Return material in hand spray to tank by pump suction. _____

3.8 Transfer from an outside source to another outside source without having material enter Distributor tank. _____

3.9 Pump material back to supply source. _____

3.10 Automatically go from Circulate in Spray Bar to Spray mode and return to circulate without pushing material over relief valve. _____

3.11 It is the intension of the City of Winnipeg to utilize the chassis during 12 months of the year. As per **detailed specification 07001** the chassis will be utilized during the winter months in the City of Winnipeg for Snow Removal Programs and Road Maintenance Oil Programs in the summer months. Oil distributor body must have provisions to remove the entire body and associated equipment in order to mount a U-body combination sander/dump. Bidder shall provide certified stands to mount body on to during seasonal months when the oil tank will not be used. Oil tank and associated equipment must be capable of sliding off and on to stands for storage. All electrical and hydraulic connections must be re-useable or quick connect. Chassis will be utilized to serve the following applications:

- **OIL DISTRIBUTION APPLICATION**
- **FRONT SNOW PLOW AND SANDER SPREADER APPLICATION**

Template Version: G320040301

All parts not specifically mentioned but which are required to complete and place the vehicle into successful operation shall be furnished as though specifically mentioned in these specifications. It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the vehicle.

4.0 SPECIFICATIONS: ELIGIBLE MODELS – MAXIMIZER II , SHOOTER II OR EQUIVALENT IN ACCORDANCE WITH B5. SUBSTITUES

STATE MAKE & MODEL-

5.0 GVWR-

5.1	Total	58,000 lbs.	<hr/>
5.2	Front	18,000 lbs. minimum	<hr/>
5.3	Rear	40,000 lbs. minimum	<hr/>

6.0 DIMENSIONS-

6.1	Cab to Axle	As required for 3500 gallon oil tank and 13' x 8' U-Body Combination Dump/Spreader Body Stainless Steel, state CA -	<hr/>
6.2	Wheelbase	As required for 3500 gallon oil tank and 13' x 8' U-Body Combination Dump/Spreader Body Stainless Steel, state WB -	<hr/>
6.3	Turning radius	State	<hr/>

7.0 ENGINE-

7.1	Type	Diesel, inline 6-cylinder, CAT C7, MBE 900, 466DT	<hr/>
7.2	Horsepower	300 HP gross minimum	<hr/>
7.3	Torque	800 lb-ft minimum	<hr/>
7.4	Engine shut down	Low oil pressure / high water temperature	<hr/>
7.5	Anti-idling programming	Required to shut engine off after 15-minutes	<hr/>
7.6	Air intake warmer	Required	<hr/>
7.7	Fuel Shut-off	Electric solenoid type	<hr/>
7.8	Air intake	As recommended for front snow-plow	

Template Version: G320040301

		sander and oil distribution application	_____
7.9	Air cleaner	As recommended for front snow-plow sander and oil distribution application	_____
7.10	Air intake restriction ind.	Dash mounted restriction indicator	_____
7.11	Oil drain plug	Magnetic type	_____
7.12	Oil filter	Full flow, spin-on type	_____
7.13	Fuel filter	Spin-on type	_____
7.14	Fuel/water separator	Heated, drainable, mounted under hood, located to be protected from road spray	_____
7.15	Fuel line primer pump	Required	_____
7.16	Block heater	Immersion type, 1000 Watt minimum with covered recessed male plug, located under driver's side door	_____
7.17	Coolant	Extended Life coolant, antifreeze to -35°F (-37°C)	_____
7.18	Coolant filter	Required	_____
7.19	Coolant hoses	Silicone type, Gates Blue Stripe or Premium hoses	_____
7.20	Fan Drive	Thermostatically controlled, automatic type	_____
7.21	Air compressor	Water cooled, pressure lubricated, minimum 13 cfm	_____
7.22	PTO Provision	Front engine PTO with adapter plate (required for sander spreader application)	_____
8.0	<u>ELECTRICAL SYSTEM-</u>		
8.1	Electrical connectors	Plug-in, sealed type	_____
8.1.1	Electrical Standard	Chassis electrical system must be Multi-plexed	_____
8.2	Alternator	Delco Remy 36-SI, 165 Amp w/remote sense	_____
8.3	Starter	Delco Remy 41-MT/OCP 450 Series with thermal protection	_____
8.4	Circuit breakers	Auto-reset, readily accessible	_____
8.5	Batteries	Three (3), 12-volt, group 31, 2250 CCA combined capacity minimum	_____
8.6	Battery Box	Under cab or frame mounted c/w enclosure	_____
8.7	Battery disconnect	In-cab mounted outboard of driver's seat	_____
8.8	Battery boost terminal	Remote battery boost terminal(s), protected from road spray, covered, state location	_____
8.9	Cab marker lights	LED	_____
8.10	Trailer plug wiring	Routed to end of frame plus 3 extra feet of wiring, c/w 6-pole plastic socket. Wiring shall be circuit breaker protected, wired separately from main truck lighting	_____
8.11	2-way radio circuit	Independent 20 Amp circuit, ignition powered, wired under dash loose, labelled	_____

8.12 Accessory switches Twelve (12) required, dash mtd. All switches complete and wired for body installation labeled and backlit

9.0 EXHAUST SYSTEM-

9.1 Configuration Stationary extreme outboard single right hand, chrome vertical discharge on passenger side, underframe routing, vertical portion cab mounted. Discharge tip shall have a backlash type end

9.2 Overall exhaust height Approx. 12 in. higher than dump/spreader body

9.3 Heat shield Required over exhaust next to cab door

10.0 TRANSMISSION-

10.1 Model Allison 3500 RDS with PTO provisions with Auxiliary Transmission Fuller AT1202 (required for oil distributor application)

10.2 Shift selector Digital push-button type, dash mounted

10.3 Cooling capacity As per manufacturer's recommendation for severe duty cycle

10.4 Oil level dipstick Bayonet type with high and low level markings

10.5 Trans. drain plug Magnetic type

10.6 Ground speed signal Ground speed signal provision required

11.0 FRONT AXLE-

11.1 Type 18,000 lbs. capacity minimum

12.0 REAR AXLE-

12.1 Type 40,000 lbs. capacity minimum

12.2 Ratio As required for requested applications, see 3.11, state ratio

12.3 Inter-axle lock Required w/dash mtd. switch

12.4 Differential lock Required for both drive axles w/dash mtd. switch

13.0 HUB SEALS-

13.1 Type Oil lubricated front and rear

14.0 FRONT SUSPENSION-

Template Version: G320040301

14.1	Type	Multi-leaf spring suspension, 18,000 lbs. capacity minimum	_____
14.0	<u>REAR SUSPENSION-</u>		
15.1	Type	Air ride suspension, 46,000 lbs. capacity minimum 51-54 in. spacing with lateral air bag support beam, state make and model of suspension being bid	_____
15.2	Susp. control valve	Manual dump valve for air suspension c/w dash mtd. switch, indicator light, gauge and buzzer	_____
16.0	<u>RIMS, WHEELS-</u>		
16.1	Front	22.5 x 9.00 steel disk, hub piloted	_____
16.2	Rear	22.5 x 8.25 steel disk, hub piloted	_____
17.0	<u>TIRES, FRONT-</u>		
17.1	Make & Model	Michelin XZY or Goodyear 286SS, state tires	_____
17.2	Size	315/80R22.5 20 ply radial front tires	_____
18.0	<u>TIRES, REAR-</u>		
18.1	Make & Model	Michelin XDE M/S or Goodyear 164 RTD, state	_____
18.2	Size	11R 22.5, 14-ply minimum	_____
19.0	<u>FRAME-</u>		
19.1	Type	Single rail, 1,800,000 in-lb RBM minimum, outside frame clear	_____
19.2	Application	Suitable for oil distributor tank, sand spreader, snow plow and dump body installation	_____
19.3	Chassis fasteners	Grade-8 threaded hex headed frame fasteners	_____
19.4	Front frame extension	Integral type, 18 in. minimum, state length	_____
19.5	After-frame	As required for oil distributor tank, dump body and sander installation	_____
20.0	<u>STEERING-</u>		
20.1	Type	Power	_____
21.0	<u>BRAKES-</u>		
21.1	Type	Air, ABS, S-cam drum brakes, front & rear	_____
21.2	Slack adjusters	(Clearance sensing), automatic type	_____
21.3	Parking brake	Spring set, four (4) chamber system	_____

Template Version: G320040301

21.4	Brake pots	Vented type	_____
21.5	Dust shields	Required, front and rear	_____
21.6	Moisture ejector	Bendix DV-2, heated, required in all air tanks	_____
21.7	Drain valves	Manual, chain or cable operated, required on each air tank	_____
21.8	Air drier	Wabco System Saver 1200, heated	_____
22.0	<u>FUEL TANK-</u>		
22.1	Type	Aluminium, 225 L minimum capacity, fully fuelled upon delivery	_____
22.2	Tank straps	Steel straps with minimum 1/16 in. rubber or neoprene isolators to prevent galvanic corrosion	_____
22.3	Fuel separator	Heated, drainable	_____
23.0	<u>CAB-</u>		
23.1	Type	Conventional w/corrosion inhibitor	_____
23.2	Construction	Aluminium construction	_____
23.3	Front axle to BOC	64-66 in. state	_____
23.4	Cab mounts	Air suspension	_____
23.5	Front grille	Stationary type	_____
23.6	Cab interior / trim	Extreme climate insulation including cloth or vinyl headliner on roof, door panels and rear interior of cab	_____
23.7	Cab silencer package	Required for minimal decibel level	_____
23.8	Hood/Firewall/Engine	Insulated hood liner, engine cover and firewall	_____
23.9	Floor covering	Rubber mat with under-padding	_____
23.10	Floor mats	Two (2), rubber	_____
23.11	Driver's seat	High back, air suspension w/foldable armrests, heavy-duty cloth upholstery, Cordura or equal, state material	_____
23.12	Passenger seat	High back, air suspension w/foldable armrests, heavy-duty cloth upholstery, Cordura or equal, state material	_____
23.13	Sun visors	Dual flip-up type	_____
23.14	Steering wheel	Tilt and telescopic type	_____
23.15	12-Volt power outlet	Required with independent circuit	_____
23.16	Radio	Factory installed AM/FM	_____
23.17	Starter switch	Key operated c/w three (3) sets of keys	_____

Template Version: G320040301

23.18	Interior light	Dome light with driver and passenger door switches	_____
23.19	Heater / Defroster	High output, capable of keeping all windows clear at an outside temperature of -35°F (-37°C)	_____
23.20	Air conditioning	Required	_____
23.21	Brake & accel. pedals	Hanging type brake and accelerator pedals	_____
23.22	Horn	Dual electric	_____
23.23	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	_____
23.24	Downview mirror	Required over passenger door, 5" x 4" approx.	_____
23.25	Windows & windshield	Tinted	_____
23.26	Power windows	Required on driver and passenger side. Controls for both windows required on driver side	_____
23.27	Windshield wipers	Electric, intermittent	_____
23.28	Wiper blades	Winter type	_____
23.29	Windshield washers	Electric, required with spray nozzles on wiper blades	_____
23.30	Grab handles	Dual exterior	_____
23.31	Entrance steps	Dual each side, open grate / grip type	_____
23.32	Winter front	Heavy-duty vinyl w/twist lock or snap type fasteners	_____

24.0 INSTRUMENTATION-

24.1	Oil pressure	Gauge	_____
24.2	Coolant temperature	Gauge	_____
24.3	Transmission oil temp.	Gauge	_____
24.4	LOP/HWT	Warning light and buzzer	_____
24.5	Voltmeter	Gauge	_____
24.6	Air reservoir pressure	Gauge with LAP warning light and buzzer	_____
24.7	Engine hourmeter	Required, non-resetable type	_____

25.0 TOW HOOKS-

25.1	Location	Front mounted	_____
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26.0 FRONT BUMPER-

26.1	Type	Front bumper delete, see body spec. for configuration	_____
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27.0 COLOUR-

27.1	Exterior	White	_____
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Template Version: G320040301

27.2	Interior	Blue or grey	_____
27.3	Frame & suspension	Primed and finished with black Imron 5000 paint	_____
27.4	Wheels	Powder coated white	_____

28.0 ACCESSORIES-

28.1	Flare kit	Three (3) triangular reflectors, CVSA approved	_____
28.2	Fire Extinguishers	(2), 20 lbs. Fire Extinguishers (Dry Chemical)	_____

29.0 CHASSIS WARRANTY-

29.1	Basic vehicle	Two (2) years, unlimited km	_____
29.2	Batteries	One (1) year, unlimited km	_____
29.3	Drivetrain	Two (2) years, unlimited km	_____
29.4	Cab structure/corrosion	Three (3) years, unlimited km	_____
29.5	Frame & crossmembers	Three (3) years, unlimited km	_____
29.6	Cab paint	One (1) year or 100 000 km	_____
29.7	Engine	Three (3) years or 240 000 km	_____
29.8	Transmission	Two (2) years, unlimited km	_____
29.9	Axles, front & rear	Three (3) years or 240 000 km	_____

30.0 OIL DISTRIBUTOR TANK SPECIFICATIONS-

Oil Distributor tanks must have the following:

- i) 3500 gallons capacity _____
- ii) 12 foot spray bar _____
- iii) 2 foot spray bar wing extensions _____
- iv) Spray bar nozzles to be equipped for spread rate for emulsion is specified at 1.35 liters per square meter. The City of Winnipeg product used is HF150 oil. _____
- v) Spray bar controls to be operated from inside chassis cab _____
- vi) Tank Insulation, state insulation type _____
- vii) Surge Plates minimum 10 gauge steel _____
- viii) Manhole Opening- Minimum 20" in diameter _____

- ix) Manhole Over Flow minimum 3" in diameter _____
- x) Sump rear of tank with a clean out plug and suction line from the pump with cutoff valve. _____
- xi) 10 gauge material thickness _____
- xii) Minimum 7 gauge steel heads, state- _____
- xiii) Diesel fired Heating System- State BTU of burners and heating flue size- _____
- xiv) High Capacity Bituminous/Asphalt Pump- State make, model and GPM- _____
- xv) Applications Rate Control System _____
- xvi) All necessary hydraulic components required to operate the oil distributor shall be self-contained mounted to oil tank module for ease of removal and installation _____
- xvii) Hydraulic reservoir must have a temperature, sight gauge and level indicator. _____
- xviii) Back up alarm _____
- xix) Mud flap installation _____
- xx) Must have aluminum fenders for rear chassis wheels _____
- xxi) Ladder and plat form assembly _____
- xxii) Enviro – Flush recalculating clean- out system _____
- xxiii) Oil distributor body must have provisions to remove the entire body and associated equipment in order to mount a slide in sander spreader body. Bidder shall provide certified stands to mount body on to during seasonal months when the oil tank will not be used. _____

31.0 ELECTRICAL & LIGHTING-

- 31.1 All lighting to conform to C.M.V.S.S. and Manitoba Highway Traffic Act. _____
- 31.2 Directional Signal- One (1) ArrowStik Code 3 Inc. P/N AS-847HS C/w 8 segment ArrowStik, 47 inch length, 1156 bulbs, basic controller mounting Location to be rear facing above roofline at rear of tank c/w branch guard. Exact location of in-cab controller to be determined at time of installation. _____

Template Version: G320040301

- 31.3 All lighting shall be LED. Supplier installed lighting and lighting equipment shall be Groté Blue Seal Harness (unless otherwise specified) and shall include the following components. _____
- 31.4 Combination turn/stop and taillights –, one (1) per side. _____
- 31.5 Back-up lights –, one (1) per side. _____
- 31.6 Grommets – taillights and back-up lights to be mounted in grommets. _____
- 31.7 All rear lighting shall be fully visible _____
- 31.8 3-Light cluster – three (3) lights with mounting grommets, protected to avoid damage. _____
- 31.9 Clearance lamps – housed in mounting grommets. _____
- 31.10 No clearance light shall protrude beyond the Oil Tank Body. _____
- 31.11 Licence plate lamp – complete with licence plate bracket. _____
- 31.12 Harnesses – Groté Blue Seal Harness System, properly routed and secured. Splices not acceptable. _____
- 32.13 Junction boxes –complete with necessary compression fittings, required for all vehicle lighting harness connections, located to be protected from damage. _____
- 31.14 All plug-in connectors and entire inside of junction boxes shall be coated with di-electric NKY Compound or equivalent prior to assembly. _____
- 31.15 Back-up alarm – STAR 62-097, 97 dB(A), installed at rear of oil tank body, located to be protected from damage. _____
- 31.16 Mini Light Bar – Grote 76813, 360° visibility, mounted to top of cab guard c/w guard. _____
- 31.17 Oval warning lights – two (2) required, mounted as high as possible in rear corner of oil tank, one (1) per side. _____
- 31.18 Mini light bar and warning lights shall be actuated by a single OEM switch located on the truck dash. _____
- 31.19 Trailer plug – one (1) plastic 6-pole connector, installed near hitch, wired to code and separately protected through the chassis manufacturer’s factory auxiliary fuse panel/circuit breakers. _____
- 31.20 Snow plow light kit – daytime running light compatible snow plow light kit, Groté Blue Seal w/appropriate adapter kit for truck headlights, rubber or shock mounted on hood of truck. _____

31.21 Plow lights shall be controlled by OEM chassis light switches and controls.

31.22 A clearly marked switch shall be installed on the instrument panel to allow the operator to switch between plow lights and truck lights.

31.23 All switches for plow lights, beacon lights, auxiliary lighting etc. shall be mounted in the chassis cab dash with rocker type switches, back-lit with permanent type labels. Chassis shall be equipment with a total of 12 optional multiplexed switches.

31.24 The vehicle shall be equipped with a Control Products Inc. model 999J infrared temperature sensor, no substitutes. The sensor shall read in degrees Celsius.

31.25 The sensor shall be mounted on the front hitch plate, enclosed in a metal guard, protected from damage.

31.26 All electrical connectors shall be crimped and soldered, then sealed using heat shrink tubing.

31.27 All joining of wires shall be soldered and sealed using heat shrink tubing or approved OEM weather tight connections (crimp on electrical connectors for joining wires are not acceptable).

31.28 All electrical cable supplied shall be shielded, low temperature rated, anti-scuff, industrial type cables, Tectran 742A2 Articflex or equal.

31.29 Any holes required to run wires through shall be drilled (not punched), grommetted and sealed as required.

32.0 WELDING-

32.1 The Contractor shall be CWB Certified, and/or ASME qualified or have Journeyman qualifications. All welding shall be of excellent workmanship and appearance, and shall conform to CSA Standard W59.

32.2 All welds shall be continuous welds where applicable.

32.3 The body manufacturer shall have a documented quality control program in effect including inspection of welds by a qualified inspector.

33.0 INSTALLATION-

33.1 Any holes required in the chassis frame web must be drilled and reamed to fit bolts.

33.1.1 Drilling on chassis frame flanges is not permitted. _____

33.1.2 Welding on the chassis frame is not permitted. _____

34.0 WEIGHT DISTRIBUTION-

34.1 The **Oil distributor Truck shall not exceed the City of Winnipeg's limit for gross vehicle weight**, axle and tire loads with the unit (including the chassis) fully fuelled and operational, full oil liquid tank, one (1) operator.

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 (tandem axle) – 16 000 kg (35,274 lbs.).
- Tire load – 9 kilograms for each millimetre width of tire (approx. 500 lbs. per inch of tire width).

34.2 State weight distribution of the complete vehicle with the unit fully fuelled, with one (1) operator, full oil tank and full payload

34.2.1 GAWR – 3500 gallon capacity Oil Distributor Tank.

i) Front axle weight – state weight (lbs.). _____

ii) Rear axle weight – state weight (lbs.). _____

34.3 Weigh scale ticket – 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 including one (1) operator and a full tank of fuel. _____

35.0 MANUALS & DIAGNOSTIC SOFTWARE-

35.1 The Contractor shall supply the following manuals (in English) upon delivery of the vehicles:

35.1.1 Operator's manual – one (1) per vehicle. _____

35.1.2 Parts and Technical Service manuals- one (1) set. _____

35.2 Data Collections Sheets- Data collections sheets to be completely fill out. See clause D.6 (PMDCS) _____

36.0 WARRANTY-

36.1 The Contractor shall warrant the vehicle and all parts thereof, against any

Template Version: G320040301

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 for a period of **(2) year unlimited on chassis ,(2) two years on oil distributor body and all associated equipment, “bumper to bumper”**

36.2 In the event of a failure on the part of the Contractor to repair or replace any article during the warranty period within five (5) business days from the date of notification, the City may have the work performed by others and offset the cost against any money due, or that may become due to the Contractor, or if there is money due, the Contractor agrees to pay the City such cost.

36.3 The responsibility for the design of the complete equipment, its performance and reliability shall rest upon the Contractor.

36.4 The term “*repeated failures*” as determined by the Contract Administrator, as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the apparatus 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.

36.5 Where the vehicle develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance, at no cost to the City, including all incidental costs, with a reapplied, full warranty as described in clause 36.4.

37.0 TRAINING-

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.

Template Version: G320040301

Pricing should be based on one (1) business day for maintenance personnel and one (1) business day 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.

37.1 Training Aides

37.2 Training aids to be included.

37.3 On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available.

37.4 State if other training aides are available and state type

38.0 DELIVERY-

38.1 The equipment shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid to the City of Winnipeg, Fleet Management Agency, 185 Tecumseh Street, Winnipeg, Manitoba **no later than July 1st, 2007.** The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

38.1.1 The Contractor shall fax all vehicle serial numbers, hours/mileage to the Contract Administrator one (1) calendar week prior to delivery.

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