

FORM A: BID
(See B7)

1. Contract Title SUPPLY AND DELIVERY OF 13' X 8' DUMP BODIES

2. Bidder

Name of Bidder

Usual Business Name of Bidder as it appears on Invoice (if different from above)

Street

City

Province

Postal Code

(Mailing address if different)

Email Address of Bidder

Facsimile Number

Street or P.O. Box

City

Province

Postal Code

(Choose one)

GST Registration Number (if applicable)

The Bidder is:

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

Email 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/she 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 AND DELIVERY OF 13' X 8' DUMP BODIES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	13' x 8' Dump Body	12042	Each	11	
2.	13' x 8' Dump Body w/Option 1: Landscape Development Package	12042	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 12042

13' x 8' DUMP BODY *(Parks & Open Spaces)*

1.0 SCOPE

- 1.1 These specifications describe the supply and delivery of a 13 ft. x 8 ft. clean side style, steel dump body. Once received, the City of Winnipeg will be installing the bodies on City owned, Class 7 cab & chassis vehicles. See 18.0 Installation for chassis description.
- 1.2 The unit 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 unit, 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.
- 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 equipment 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.
- 2.3 Upon final installation, the City of Winnipeg shall ensure that the completed unit and all its components comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements. It is the intent of these specifications, however, to purchase the dump body as complete as practicable regarding legal lighting and adherence to the C.M.V.S.S. and the Manitoba Highway Traffic Act.

3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 3.1 The manufacturer of the dump body shall have demonstrated experience manufacturing bodies of the type being offered.
- 3.2 The Contractor shall be a manufacturer or authorized distributor/supplier of dump body equipment.
- 3.3 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 B12.1, 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.

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 dump body shall be capable of consistent top performance for hauling and dumping up to 20,000 lbs. of varying payloads during the summer and winter environments which are normal to the City of Winnipeg.

6.0 DUMP BODY – DIMENSIONS

6.1 Length, outside – nominal 13 ft.

6.1.1 Length, inside – 12' 6" approx.

6.2 Width, outside – to match chassis track width, nominal 8 ft.

6.2.1 Width, inside – 7' 6" approx.

6.3 Height of sides – 30 in. approx. measured from the floor, **state**.

6.4 Height of tailgate – 38 in. approx. measured from the floor, **state**.

6.5 Height of front – to match chassis cab height.

7.0 MATERIAL

7.1 All material used in construction to be minimum 10 ga. steel, minimum 50,000 psi yield except where otherwise noted.

8.0 FRONT

8.1 Construction – formed steel construction with horizontal reinforcement rib(s) formed into front of body.

8.2 Cab shield – formed from a single sheet of steel, bolt-on design, 24 in. deep, sloped @ 15°.

8.2.1 Sides of cab shield to be $\frac{3}{16}$ in. plate with heavy duty reinforcement.

8.2.2 Cab shield sides tapered @ 30° to provide adequate clearance for entry and exit of vehicle cab.

9.0 SIDES

9.1 Clean side style formed sides without vertical reinforcements, welded into a 1-piece design, including self-cleaning bottom rail and formed, self-cleaning centre horizontal rib.

9.2 Rear side posts – formed or structural, one per side.

9.3 Plank gussets – for 2" x 6" planks, with $\frac{1}{2}$ in. diameter bolt holes.

- 9.3.1 Planks – 2" x 6" painted black on all sides, installed and bolted in gussets. _____
- 9.4 Tie down eyes – four (4) required on inside of body, two near top/front of each side, two near top/rear of each side. Tie down eyes to have a lifting capacity rated for full box weight for lifting box during installation. _____
- 9.5 Access ladders – two (2) required, located at front corners of dump body, fold-up design. _____
- 9.5.1 Ladder rungs – traction type rungs, 13 gauge steel, 2¼ in. width, 2 or 4-hole design, Traction Tread Products or equal. _____
- 9.5.2 First rung to be 18-22 in. from ground level, approx. 14 in. rung spacing to top of body. _____
- 9.6 Grab handles – located for ergonomic access to top of box. _____
- 10.0 TAILGATE**
- 10.1 Shall be a two-way tailgate able to open from the top and bottom. _____
- 10.1.1 Tailgate shall not protrude above floor in horizontal or full down position. _____
- 10.1.2 There shall be no gap between tailgate and the floor and sides when tailgate is in the closed or horizontal position. _____
- 10.2 Construction – formed construction with one or two equally spaced horizontal or vertical ribs, and a self-cleaning bottom rail. _____
- 10.3 Tailgate shall be reinforced as required with either heavy duty (¾ in.) end plates, or ¼ in. steel tubing. _____
- 10.4 Top tailgate anchor pins – 1¼ in. diameter, self-locking/storing to top of side post. _____
- 10.4.1 If retainer pin is used to lock top tailgate anchor pins, a small steel check chain is required, permanently fastened to the retainer pin. _____
- 10.5 Support and spreader chains – ¾ in. transport grade 70, adequately fastened c/w chain storage and two (2) removable links per chain. _____
- 10.5.1 Support and spreader chains shall be equipped with a protective cover. _____
- 10.6 Tailgate locking mechanism – in-cab control, air operated with air brake pot operated trip. _____
- 10.6.1 The locking mechanism shall be adjustable to ensure adequate lock-up with tailgate closed. _____
- 11.0 FLOOR**
- 11.1 Material – ¾/16 in. AR200 or equal, **state material**. _____
- 11.2 Floor width – nominal 80 in. width, **state**. _____

11.3 2-piece floor maximum (1-piece preferred). 2-piece floors shall be continuously welded.

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

11.5 Long sills – 8-10 in. formed long sills, tapered hat section design, continuously welded to the floor.

12.0 TARPAULIN

12.1 Type – electric flip tarp, able to be operable in-cab from driver’s seat, **State** make and model being bid.

12.2 Tarp system shall stow on the cab shield, i.e., shall not protrude into the box area.

13.0 HOIST

13.1 Type – multi-stage, front trunion mount, single acting hydraulic hoist, Nitrided, quenched and polished cylinder stages, protected against corrosion, Mailhot M-110-4.5-3 or equal. **State make and model.**

13.2 Bore – **state.**

13.3 Capacity – 20-tons, **state capacity.**

13.4 Dumping angle – 45° from horizontal, cylinder must lower under its own weight with empty load in low ambient temperatures.

13.5 Grease fittings – required on all pivot points.

14.0 IN-CAB CONTROLS

14.1 Hoist controls – dash mounted single switch dump control, return to centre, electrically actuated International OEM switch.

15.0 HYDRAULICS

Note: Hydraulic components to be “supply only” as dump bodies are being installed by The City of Winnipeg.

15.1 PTO – Muncie electric/hydraulic power shift.

15.1.1 Electric/Hydraulic power shift to be operable from a normal driving position.

15.1.2 Warning light to show PTO engaged.

15.2 Pump – closed coupled hydraulic dump pump with integral hoist valve, Muncie, Chelsea or Commercial, cable shift, 27 gpm, **state** make and model being bid.

15.3 Hydraulic oil reservoir – left hand side, chassis frame mounted, steel construction, baffled as required, c/w breather type filler cap with filter, filler strainer and sight gauge.

- 15.3.1 Capacity – 20 US gallon approx., **state** capacity. _____
- 15.3.2 Suction strainer – 100 micron, replaceable, in-tank mounted. _____
- 15.3.3 Drain plug – ¾ in. diameter. _____
- 15.3.4 Reservoir shall be clearly labelled "Hydraulic Oil" with a permanent type, engraved style label. _____
- 15.3.5 Level gauge – glass sight type, LHA or equal, mounted in readily visible location. _____
- 15.4 Return line filter – spin-on type, serviceable without oil loss. _____
- 15.5 Shut-off valve – ball type, located for servicing without oil loss, secured in open position with a bracket and bolt. _____

Sections 15.1-15.5 above can be substituted by 15.6-15.7.5.

- 15.6 Hydraulic pumps – two (2) electric hydraulic pumps plumbed in tandem. _____
- 15.6.1 Hydraulic pumps to be housed in a steel enclosure, pumps to be readily accessible for servicing. Steel enclosure shall allow for bolting to the driver's side of truck frame. _____
- 15.7 Hydraulic oil reservoir – left hand side, chassis frame mounted, steel construction, baffled as required, c/w breather type filler cap with filter, filler strainer and sight gauge. _____
- 15.7.1 Capacity – **state** capacity. _____
- 15.7.2 Suction strainer – 100 micron, replaceable, in-tank mounted. _____
- 15.7.3 Drain plug – ¾ in. diameter. _____
- 15.7.4 Reservoir shall be clearly labelled "Hydraulic Oil" with a permanent type, engraved style label. _____
- 15.7.5 Level gauge – glass sight type, mounted in readily visible location. _____

16.0 ELECTRICAL & LIGHTING

- 16.1 All lighting shall be supplied and installed in the dump body and shall conform to C.M.V.S.S. and the Manitoba Highway Traffic Act. _____
- 16.2 All lighting and lighting equipment shall be Truck-Lite (except where otherwise noted) and shall include the following components:
 - 16.2.1 Combination turn/stop and taillights – P/N 44302R or oval equivalent, one (1) per side with 40700 or equivalent oval mounting grommets. _____
 - 16.2.2 Back-up lights – P/N 44206C or oval equivalent, one (1) per side with 40700 or equivalent oval mounting grommets. _____
 - 16.2.3 Light cluster – three (3) only P/N 10250R with P/N 10700 mounting grommets, located to be protected from damage. _____

16.2.4 Rear light mounting location – taillights, back-up lights and 3-light cluster shall be mounted in the rear sill of the dump body or in the rear corner posts. The lights shall be situated so that no debris contacts the lights while dumping.

16.2.5 Clearance lamps – P/N 10250R and 10250Y with P/N 10700 mounting grommets.

16.2.6 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.

16.3 No clearance light shall protrude beyond the dump body.

16.4 Taillights and back-up lights shall be fully visible when tailgate is lowered to horizontal position.

16.5 Licence plate lamp – P/N 15040, complete with licence plate bracket.

16.6 Harnesses – Truck-Lite 50 Series Harness system or manufacturer's custom built harness, complete and ready for installation. Custom harnesses to be colour coded or numbered as required.

16.6.1 All harnesses shall be internally grounded, no exceptions.

16.7 Junction box – P/N 50400 (supply only), complete with necessary compression fittings, required for all vehicle lighting harness connections.

16.8 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).

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

17.0 WELDING

17.1 All welds shall be continuous welds.

17.2 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.

18.0 INSTALLATION

18.1 The City of Winnipeg will be installing the bodies on City owned Cab & Chassis vehicles. The Contractor shall note the following:

- 18.2 Tire clearance – body design shall allow a 4 in. clearance dimension with rear suspension air bags lowered. _____
- 18.4 Clearance between dump body and back of truck cab shall be 3 in. _____
- 18.5 The dump body shall be installed on the following cab & chassis vehicle:

2013 International 4300

- 33,000 lbs. GVWR
- 108 in. CA
- 1,000,000 in-lb RBM single rail frame, outside frame clear
- Maxxforce 7, 8 cyl. diesel engine, 6.4 L
- Allison 2500 RDS Series automatic transmission
- Horizontal discharge exhaust
- Hydraulic brake system with air provision
- Air ride suspension

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

19.0 MISCELLANEOUS

- 19.1 Dump body prop – double prop design, steel tubing 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. _____
- 19.1.1 Dump body prop to be complete with receiving bracket. _____
- 19.2 Rear hitch plate – supplied loose, ½ in. thick solid steel, (laminated plates unacceptable) for installation to rear of truck frame. _____
- 19.3 Grease fittings – required on tailgate release mechanisms, pivot points and tailgate as required. _____

20.0 FINISH

- 20.1 Complete dump body, reservoir, hitch plate, steel brackets, etc. shall be sandblasted, properly cleaned, primed and finished with the Endura (or equivalent) paint process as follows:
- 20.1.1 Primer – Endura EP32 Intermix Epoxy Primer or equal. _____
- 20.1.2 Paint – 3-5 mils of Endura EX-2C Topcoat or equal, black. _____

21.0 DELIVERY

- 21.1 Delivery – the unit shall be serviced, ready for installation, and delivered F.O.B. with the freight prepaid to the Winnipeg Fleet Management Agency, Facility 7, 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 Admin-

istrator prior to delivery of the equipment. Equipment shall be delivered within 8:00 am and 2:00 pm on Business Days.

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

21.3 A staggered delivery over a 3-month period for all units is preferred by the City to accommodate installation times. **State** proposed delivery schedule.

22.0 PERFORMANCE RELIABILITY

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

22.2 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.

22.3 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.

23.0 WARRANTY

23.1 The warranty on the complete dump body 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 **two (2) years** from the date the equipment is put into service by the City of Winnipeg.

Note: See Supplemental Conditions for additional Warranties.

23.2 A new two (2) year warranty period shall be provided for any article that is repaired or replaced under the terms of the "repeated failures" clause (Section 22.0 Performance Reliability). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.

24.0 OPTIONS

Note: Options to be priced only as indicated on Form B: Prices.

24.1 Option 1: Landscape Development Package

24.1.1 High mounted tailgate – height of tailgate to be 48 in. measured from the floor in lieu of tailgate height specified in 6.4 above. Top tailgate hinge pin approx. 50 in. above floor.

24.1.2 Planks – 2" x 10" painted black on all sides, installed and bolted in gussets in lieu of planks specified in 9.3.1 above.

24.1.4 Tarp rail – 1/4" x 2" steel flatbar, welded to exterior of sides, full length in lieu of tarp specified in 12.1 and 12.2 above.

FORM O-PREVENTATIVE MAINTENANCE SCHEDULE

Make: _____
 Model: _____
 Year: _____

Service/Parts Contact info: _____

PM Checklist and Adjustments

Please fill in all applicable areas and add any missing service intervals or component part numbers that are applicable to the supplied unit.

All items required to maintain warranties must be listed.

Description:	Capacity:	Type:	Description:	Capacity:	Type:
Engine Oil	Litres		Transmission	Litres	
Cooling System	Litres		Transfer Case	Litres	
Hydraulic Tank	Litres		Hydraulic System	Litres	
A/C Refrigerant	Lbs	R-134a	Brake Reservoir	Litres	
Fuel System	Litres		Differential (Front)	Litres	
Final Drives	Litres		Differential (Rear)	Litres	

Type of Filter:	OEM:	Wix:	Purolator:	Fram:	Baldwin:	Fleet-guard:
Engine Oil						
Air Primary						
Air Secondary						
Primary Fuel						
Secondary Fuel Filter						
Cab Air Filter						
Hydraulic (pressure)						
Hydraulic (return)						
Transmission						
A/C Belt						
Alt Belt						
Water Pump Belt						
Serpentine Belt						

Make _____

Model: _____

Year: _____

Item	Recommended Service Intervals. Kms/Hours	Comments
List any one time services		
List any one time adjustments		
List regular Adjustments		
Initial Oil and Filter Change		
Engine Valve Lash and Fuel Injector, Timing Check.		
Engine Oil and Filter Changes and/or Oil Sample Intervals		
Lubrication Points and Intervals		
Transmission Filter/Screens- Replace/Clean and/or Obtain Oil Sample		
Primary Fuel Filter (Replace)		
Secondary Fuel Filter (Replace)		
Differential Oil Sample (Front)		
Final Drive Oil Sample (front)		
Hydraulic Filter (Replace and Obtain Oil Sample)		
Front Differential Fluid (Change)		
Rear Differential Fluid (Change)		
Differential Vents		
Transmission Oil (Change)		
Clean Transmission Magnetic Screen		

Make _____

Model: _____

Year: _____

Item	Recommended Service Intervals Kms/Hours	Comments
Change Final Drive Oil (Front)		
Clean Engine Crankcase Breather		
Hydraulic System Oil (Change)		
Engine Valve Lash and Fuel Inj. Timing (Check)		
Cooling system Water Temperature Regulator (Replace)		
Cooling System Coolant Extender (ELC)-Add		
Cooling System		
Wheel nut Torque and Intervals		
Check wheel Nut torque At Every service interval		
Refrigerant dryer (Replace)		

FORM P-DATA COLLECTION SHEET FOR W.F.M.A

UNIT NUMBER		
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ITEMS		DETAILS FROM VENDOR
MAKE/MANUFACTURER	(e.g. Ford, Volvo, etc.)	
MODEL	Enter model (e.g. F-350)	
YEAR	(Enter model year)	
DISCRIPTION/TYPE	(e.g. Truck, snow blower, mower, tractor)	
FUEL TYPE	(e.g. gas, diesel, hybrid, propane)	
RATED FUEL CONSUMPTION	(L/100 km, L/hr, etc.)	
GVWR	(In pounds [lbs.] and kilograms)	
GAWR FRONT		
GAWR REAR		
GCWR		
DIMENSION HEIGHT	(Overall height m)	
DIMENSION LENGTH	(Overall length m)	
DIMENSION WIDTH	(Overall width m)	
WHEELBASE		
DELIVERY DATE	(Confirmed date)	
SUPPLIER/DEALER	(Name, phone number, and contact person)	
ODOMETER/HOUR METER	(Upon delivery)	
V.I.N. NUMBER		
SERIAL NUMBER (if applicable)		
CAB CONFIGURATION	(Regular, Extended, Crew)	
M.G.I NUMBER (if applicable)		
KEY DOOR NUM		
KEY IGNITION NUM		
PAINT CODE	(Exterior colour)	
PAINT COLOUR	(Exterior colour)	
PAINT TRIM CODE	(Interior code #/colour)	
ITEMS	SERVICE ITEMS	DETAILS FROM VENDOR
ENGINE MAKE		
ENGINE MODEL		
ENGINE SERIAL NUMBER		
ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM)	

ENGINE DISPLACEMENT	(In cubic inches and litres)	
CPL NUMBER		
ENGINE CYLINDERS	(Number of cylinders)	
ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
ENGINE OIL FILTER PART NUMBER	(Number of filters and part numbers)	
ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
CAB FILTER	(Part number and location)	
FUEL TANK CAPACITY	(In litres)	
FUEL FILTER # PRIMARY	(Make, part number, and quantity)	
FUEL FILTER # SECONDARY	(Make, part number, and quantity)	
FUEL SEPARATOR	(Make, part number, and quantity)	
COOLANT TYPE	(Heavy-duty, extended life, or regular)	
COOLANT CAPACITY	(In litres)	
COOLANT FILTER NUMBER	(Part number)	
TRANSMISSION		DETAILS FROM VENDOR
TRANSMISSION MAKE	(Enter make & model)	
TRANSMISSION SERIAL NUMBER		
TRANSMISSION TYPE	(Hydrostatic, standard, automatic)	
TRANSMISSION FLUID CAPACITY	(in litres)	
TRANSMISSION FLUID TYPE	(Dextron III, synthetic, weight, etc.)	
TRANSMISSION FILTER(S)	(# of filters and part numbers; internal and external filters)	
TRANSMISSION FILTER KITS	(Gasket, o-ring, secondary filters etc.)	
TRANSMISSION COOLER	(Make and part number if applicable)	
FRONT DIFFERENTIAL		DETAILS FROM VENDOR
DIFFERENTIAL MAKE		
DIFFERENTIAL MODEL		
DIFFERENTIAL SERIAL #		
DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
DIFFERENTIAL CAPACITY	(In litres)	
REAR DIFFERENTIAL		DETAILS FROM VENDOR
DIFFERENTIAL MAKE		

DIFFERENTIAL MODEL		
DIFFERENTIAL SERIAL #		
DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
DIFFERENTIAL CAPACITY	(In litres)	
TIRES/WHEELS/ETC.		DETAILS FROM VENDOR
TIRE MANUFACTURER & BRAND		
TIRE SIZE FRONT		
TIRE SIZE REAR		
WHEEL NUT TORQUE	(lb-ft)	
WHEEL NUT RE-TORQUE INTERVAL		
FINAL DRIVE/HUB	(Oil type and capacity)	
WHEEL SPINDLES OIL CAPACITY	(In litres)	
WHEEL SPINDLES FLUID TYPE	(e.g. 80w90, Dextron, synthetic)	
POWER STEERING CAPACITY	(In litres)	
POWER STEERING FLUID TYPE	(e.g. ATF or synthetic)	
POWER STEERING FILTER #	(Make, part number, quantity)	
BRAKE FLUID	(Type)	
BRAKE TYPE	(Hydraulic/air)	
MISC. ITEMS		DETAILS FROM VENDOR
ALTERNATOR	(Enter make, model, part #)	
ALTERNATOR AMPS	Integers only (e.g. 105, 125, etc.)	
BATTERY MAKE		
BATTERY MODEL		
BATTERY CCA		
BATTERY QTY.		
BATTERY VOLTAGE		
BELT A/C PART #	(Enter make and part number)	
BELT COMPRESSOR PART #		
BELT FAN PART #		
BELT ALTERNATOR PART #		
BELT STEERING	(V-belt or serpentine, quantity)	
BELT STEERING PART #		
BELTS OTHER		

COMPRESSOR CFM	(e.g. 13.2, 15, 18)	
COMPRESSOR MODEL	(Enter make and model)	
COMPRESSOR PART #		
AIR DRYER	(Enter make and model)	
AIR DRYER PART/SERIAL #		
AIR DRYER DESCRIANT		
AIR DRYER FILTER	(part number)	
AUX. HEATER TYPE	(Diesel, electric, etc.)	
AUX. HEATER MAKE		
AUX. HEATER MODEL		
AIR CONDITIONING	(Type, 113 etc.)	
AIR CONDITIONING CAPACITY	(lbs)	
A/C RECEIVER DRYER PART #	(part, number)	
ATTACHMENT ITEMS	(Construction equipment)	DETAILS FROM VENDOR
SKID SHOE	(part number)	
STINGER BLADES	(part number)	
STINGER TEETH	(Quantity and part number)	
BUCKET TEETH	(Quantity and part number)	
CUTTING TOOTH		
CLAM BUCKET BLADE	(Dimensions and part number)	
UTILITY BUCKET BLADE	(Dimensions and part number)	
BOX SCRAPER BLADE	(Dimensions and part number)	
BUCKET CAPACITY		
BUCKET BLADES AND SIDES	(Quantity and part number)	
GRADER BLADES	(part number)	
GRADER ICE BLADES	(Part number)	
WING BLADES	(Part number)	
BODY UNIT ITEMS		DETAILS FROM VENDOR
BODY SUPPLIER	(Name and contact number)	
BODY TYPE		
BODY MAKE		
BODY MODEL		
BODY SERIAL NUMBER		
BOX SIZE	(Length and/or capacity)	

HYDRAULICS		DETAILS FROM VENDOR
HYDRAULIC PUMP	(Make, model and capacity)	
PTO	(Make, model and shift type)	
HYDRAULIC TANK CAPACITY	(In litres)	
HYDRAULIC FILTER NUMBER	(Filter number and screen numbers)	
HYDRAULIC FLUID TYPE	(e.g. N22, synthetic)	
HYDRAULIC FILTER	(Make, quantity and part number)	
HYDRAULIC SCREEN	(Make, quantity and part number)	
HYDRAULIC BREATHER	(Make, quantity and part number)	
HYDRAULIC SPINNER		
HYDRAULIC SPINNER MAKE		
HYDRAULIC SPINNER MODEL		
HYDRAULIC SPINNER SERIAL #		
CONVEYOR MOTOR MAKE		
CONVEYOR MOTOR MODEL		
CONVEYOR MOTOR SERIAL #		
CYCLE TIME DOWN		
CYCLE TIME UP		
SANDER/DUMP CONTROLS:		DETAILS FROM VENDOR
CONTROL SYSTEM MAKE		
CONTROL SYSTEM MODEL		
CONTROL SYSTEM SERIAL #		
CONTROL SYSTEM PART #		
CONVEYOR CHAIN	(Length and part #)	
SENSORS	(Part #s)	
CALCIUM PUMP MAKE		
CALCIUM PUMP MODEL		
CALCIUM PUMP SERIAL #		
CALCIUM PUMP CAPACITY		
UNIT ITEMS	ATTACHMENT(S)	DETAILS FROM VENDOR
TYPE	(e.g. snow blower, mower, spreader, etc.)	
MAKE/ MANUFACTURER	(e.g. John Deere, Colpron, etc.)	
MODEL		

YEAR	(Enter year manufactured)	
AUX. ENGINE	(Make and model)	
AUX. ENGINE DISPLACEMENT	(In cubic inches and litres)	
AUX. ENGINE SERIAL #		
SUPPLIER/DEALER	(Name, phone number, and contact person)	
FUEL TYPE	(e.g. gas, diesel, propane)	
ODOMETER/HOUR METER		
AUX. ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM)	
AUX. ENGINE CYLINDERS	(Number of cylinders)	
AUX. ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
AUX. ENGINE OIL FILTER PART #	(Number of filters and part number)	
AUX. ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
AUX. ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
AUX. ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
HYDRAULICS	ATTACHMENT(S)	DETAILS FROM VENDOR
HYDRAULIC DRIVE MAKE	(Enter make & model)	
HYDRAULIC DRIVE MODEL		
HYDRAULIC DRIVE SERIAL #		
HYDRAULIC DRIVE TYPE	(Hydrostatic, standard, automatic)	
HYDRAULIC DRIVE FLUID CAPACITY	(in litres)	
HYDRAULIC DRIVE FLUID TYPE	(Dextron III, synthetic, etc.)	
HYDRAULIC DRIVE FILTER(S)	(# of filters and part numbers; internal and external filters where applicable)	
HYDRAULIC DRIVE COOLER	(Part number if applicable)	
HYDRAULIC BREATHER CAP	(Part number if applicable)	
SWEEPER		DETAILS FROM VENDOR
BROOM SEGMENTS	(part #)	
WATER FILTER	(part #)	
WEAR PLATES	(part #)	
ROLLERS	(part #)	
SKID SHOES	(part #)	

FORM Q-SUSTAINABILITY QUESTIONNAIRE

Product Information

(Yes/No)

Product Sustainability: High Quality, Small Ecological Footprint

1. Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.

Describe:

2. Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?

Describe:

3. Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.

Describe:

4. Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.

Describe:

Company Information

Energy and Climate: Reducing Energy Costs and Greenhouse Gas Emissions

1. Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?

Describe:

2. Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?

Describe:

Material Efficiency: Reducing Waste and Enhancing Quality

1. Do you measure the total amount of solid waste generated from the facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

2. Have you set publicly available solid waste reduction targets? If yes, what are those targets?

Describe:

3. Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

4. Have you set publicly available water use reduction targets? If yes, what are those targets?

Describe:

Natural Resources: Responsibly Sourced Raw Materials

1. Have you established publicly available sustainability purchasing guidelines for your direct suppliers that address issues such as environmental compliance, employment practices and product safety?

Describe:

Social Responsibility: Ensuring Responsible and Ethical Production

1. Do you have a process for managing social compliance at the manufacturing level?

Describe:

2. Do you work with your supply base to resolve issues found during social compliance evaluations and also document specific corrections and improvements?

Describe:

3. Do you invest in community development activities in the markets you source from and/or operate within? _____

Describe:
