

**FORM A: BID**  
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF A TROMMEL SCREEN

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 B9)

SUPPLY AND DELIVERY OF A TROMMEL SCREEN

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Trommel Screen	14016	Each	1	

\_\_\_\_\_  
Name of Bidder

## FORM N: DETAILED SPECIFICATIONS 14016

### 1.0 **DESCRIPTION OF EQUIPMENT**

- 1.1 These specifications describe a **Trommel Screen** and other equipment and features as specified herein.
- 1.2 The **Trommel Screen** shall be a new 2014 model year or newer.
- 1.3 The **Trommel Screen** and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 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 equipment.

### 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 **Trommel Screen** shall comply with the applicable regulations:

National Safety Mark, NSM = <http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

Manitoba Safety and Health Act, Parts 12, 22 =  
<http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

Under Writers of Canada, U/L = <http://www.ulc.ca/>

Society of Automotive Engineers, SAE = <http://www.sae.org/>

City of Winnipeg Lighting Visibility  
Standard = <http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.

- 2.3 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.

### 3.0 **SERVICE FACILITY**

- 3.1 For the purpose of warranty repairs, the Bidder 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 2014: \$88.00/hour and \$118.00/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. --- 3.4) or 3.5)**

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

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3.5 Bidder elects to have warranty work be performed by the City of Winnipeg. Bidder shall provide all warranty authorization processes.

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#### 4.0 **REFERENCES**

4.1 Provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

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#### 5.0 **MAKE & MODEL**

5.1 **State** make and model of the equipment bid- \_\_\_\_\_

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#### 6.0 **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

6.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.

6.2 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.

6.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

#### 7.0 **PERFORMANCE RELIABILITY**

7.1 The responsibility for the design of the **Trommel Screen**, its performance and reliability shall rest upon the Contractor.

7.2 The term "repeated failures" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of 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.

- 7.3 Where the **Trommel Screen** develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.
- 7.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C)

**8.0 FUEL**

- 8.1 Where applicable, all equipment must be fully fuelled upon delivery (no exceptions).

**9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the **Trommel Screen** shall have five (5) years continuous experience manufacturing Specialized Utility Vehicles and associated.
- 9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

**10.0 SPECIFICATIONS- ELIGIBLE MODEL – VERMEER TROMMEL SCREEN TR626 OR EQUIVALENT IN ACCORDANCE TO B6. SUBSTITUTES.**

**Dimensions**

10.1	Weight	Approximately 50,000 lbs.	
10.2	Hitch Weight	Approximately 17,000 lbs.	_____
10.3	Transport Length	Approximately 54.5'	_____
10.4	Transport Width	Approximately 113"	_____
10.5	Transport Height	Approximately 13.4'	_____
10.6	Operation Length	Approximately 84.4'	_____
10.7	Operation Width	Approximately 113"	_____
10.8	Operation Height	Approximately 15.9'	_____
10.9	Capacity	Approximately 200 cu yd (152.9 cu m) per hour with 0.5" (1.3 cm) screens installed and material with moisture less than 40%.	_____

**Engine**

10.10	Engine Type	Tier 3 or 4 Diesel Interim or Final, must meet current Emission Standards.	_____
10.11	Torque	Approx. 355 ft-lb	_____
10.12	Horse Power	Approx. Net (125 HP)	_____
10.13	Cylinders	No. of cylinders, <b>state</b>	_____
10.14	Cold weather start aid	Glow Plugs	_____
10.15	Cooling	Liquid	_____

10.16 Air Cleaner Dual element dry type  
10.17 Fuel Tank Capacity Approx. 378 L, **state**

**HYDRAULIC SYSTEM**

10.18 Operation Approx. 85.8 gpm @ 2500 psi, **state**  
10.19 Tank Capacity Approx. 757 L, **state**

**Chassis**

10.20 Frame Description 4 Independent hydraulic jacklegs., **State**  
10.21 Axle/Suspension Leaf Spring, **State**  
10.22 Capacity Approx. 22500 lbs.  
10.23 Tire Size **State**

**Hopper and Conveyor**

10.24 Hopper Capacity 5 cubic yards, **state**  
10.25 Hopper Bottom Width Approx. 48", **state**  
10.26 Apron Conveyor Speed Approx. 0-205 fpm (0-62.5 m/min)  
10.27 Apron Opening Height Approx. 34"  
10.28 Apron Opening Width Approx. 43"  
10.29 Hopper Height Approx. 9.5' from ground level at operating incline  
10.30 Hopper Opening Approx. 13.2' x 5'  
10.31 Conveyor Length Approx. 16'  
10.32 Conveyor Belt Width Approx. 48"

**Screen Drum and Brushes**

10.33 Drum operation Approx. 0-42.6 gpm (0-161.3 L/min)  
10.34 Drum Motor 4 Approx. 5.6 cu in. displacement with brake  
10.35 Drum Diameter and Length Approx. diameter 6', length 26'  
10.36 Drum Speed Approx. 0-21.6 rpm  
10.37 Drum Drive Chain Approx. 120 WT  
10.38 Drum Angle Adjustability Approx. 3-5 degrees  
10.39 Screen Panel Opening Size 1" Opening 6GA Stainless Wire Screens and 1/2" Opening 12GA Stainless Wire Screens

10.40 Brush Diameter Approx. 14", **state material** \_\_\_\_\_

**Fines Conveyor**

10.41 Conveyor Operation Approx. 15.4 gpm \_\_\_\_\_

10.42 Conveyor Motor Displacement Approx. 32.7 cu-in \_\_\_\_\_

10.43 Conveyor Length Approx. 72.5' \_\_\_\_\_

10.44 Fines Belt Speed Approx. 342 ft/min \_\_\_\_\_

10.45 Conveyor Belt Width Approx. 36" \_\_\_\_\_

10.46 Conveyor Belt Type Approx. 220 lb, 2 ply, 2/16" x 1/16" \_\_\_\_\_

10.47 Conveyor Belt Stacking Height Approx. 16.6' with drum at 4 degree \_\_\_\_\_

10.48 Rubber Flashing Approx. Adjustable, 25" thick, 4" \_\_\_\_\_

10.49 Fines Conveyor Frame Approx. 4" x 8" structural steel tubing \_\_\_\_\_

10.50 Magnetic Head Pulley with deflector tray Magnetic heads to keep compost and conveyor belting free of ferrous material \_\_\_\_\_

**Overs Conveyor**

10.51 Overs Conveyor Length Approx. 19' \_\_\_\_\_

10.52 Maximum Variable Overs Belt Speed Approx. 144 ft/min \_\_\_\_\_

10.53 Conveyor Belt Size Approx. 48" \_\_\_\_\_

10.54 Conveyor Belt Type Approx. 220 lb, 2 ply, 2/16" x 1/16" \_\_\_\_\_

10.55 Conveyor Belt Stacking Height Approx. 3' x 10' \_\_\_\_\_

10.56 Overs Conveyor Frame Approx. \_\_\_\_\_

10.57 Magnetic Head Pulleys with deflector tray Magnetic heads to keep compost and conveyor belting free of ferrous material \_\_\_\_\_

10.58 Optional: Extended Overs Conveyor **State optional pricing** \_\_\_\_\_

**Pintle Hitch Dolly**

10.59 Pintle Hitch Dolly Require pintle hitch dolly for transport of Trommel Screen by truck/loader with pintle hitch \_\_\_\_\_

**Safety**

10.60 Safety Lighting Make and Model: Whelen R316, SAE Class 1 (or equivalent) Amber Beacon, permanent mount on top of engine housing and wired to the ignition. \_\_\_\_\_

## 11.0 WARRANTY

11.1 All warranty information should be detailed and include all exclusions. The bidder shall provide all published warranty information with their bid submission

11.2 Basic Coverage **One year/1000 hours, state-** \_\_\_\_\_

11.3 Batteries **One year/1000 hours, state-** \_\_\_\_\_

11.4 Engine **One year/1000 hours, state-** \_\_\_\_\_

11.5 Frame/cross-members **One year/1000 hours, state-** \_\_\_\_\_

11.6 Hydraulic system **One year/1000 hours, state-** \_\_\_\_\_

11.7 Chassis **One year/1000 hours, state-** \_\_\_\_\_

11.8 Conveyors **One year/1000 hours, state-** \_\_\_\_\_

11.9 Screen drum **One year/1000 hours, state-** \_\_\_\_\_

11.10 **State optional extended warranty options and pricing** \_\_\_\_\_

## 12.0 TRAINING

12.1 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.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days 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.

Training Aides:

a) On the type of equipment being offered, **state if CD Rom training aides or on-line training are available** \_\_\_\_\_

What is the recommended minimum training duration for:

Primary unit: \_\_\_\_\_  
For major attachments (if applicable): \_\_\_\_\_

State what other training aids are available (videos, CDs).

For the primary unit: \_\_\_\_\_  
For major attachments (if applicable): \_\_\_\_\_

Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to: Equipment Operator Training Branch

960 Thomas Avenue  
Winnipeg, MB  
R2L 2E1

Leanne Guertin  
Equipment Operator Training Consultant

Cell: 204-451-3793  
Contact e-mail: [lguertin@winnipeg.ca](mailto:lguertin@winnipeg.ca) \_\_\_\_\_

### 13.0 **DELIVERY**

13.1 Delivery Point- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the City of Winnipeg Brady Landfill. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order. \_\_\_\_\_

13.2 Delivery Time **Six to eight (6-8) calendar weeks** from the date of official notification of award of Contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. \_\_\_\_\_

13.3 Delivery Contact The Contractor shall contact the Contract Administrator prior to delivery of the equipment. \_\_\_\_\_

13.4 P.D.I A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list \_\_\_\_\_

### 14.0 **MANUALS**

14.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. \_\_\_\_\_

14.2 The following manuals shall be supplied with the units when delivered:

- a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch
- b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred.

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