

FORM A: BID
(See B7)

1. Contract Title SUPPLY & DELIVERY OF A REFUSE COMPACTOR

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

Facsimile Number

(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.

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 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 & DELIVERY OF A REFUSE COMPACTOR

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Refuse Compactor	1065	(Each)	(1)	\$ _____	\$ _____

TOTAL BID PRICE (GST and MRST extra) (in figures) \$ _____

(in words) _____

Name of Bidder

FORM N(R1): DETAILED SPECIFICATIONS 1065

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE-

- 1.1 These specifications describe the **Supply and Delivery a Refuse Compactor** and other equipment and features as specified herein.
- 1.2 The Refuse Compactor shall be a **new 2010 or 2011 model year**.
- 1.2 Shall be capable of consistent top performance for landfill maintenance activities during the environments, which is normal to the City of Winnipeg.
- 1.3 The **Refuse Compactor** and all other items/components shall be the manufacturer's latest models. The Refuse Compactor shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the Refuse Compactor in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Refuse Compactor and 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.

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 **Refuse Compactor** and all its components and attachments shall comply with the applicable regulations:

[Highway Traffic Act = http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php](http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php)

[Manitoba Motor Vehicle Act = http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm](http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm)

[Canadian Motor Vehicle Safety Standards, CMVSS = http://www.gnb.ca/0062/regs/83-163.htm](http://www.gnb.ca/0062/regs/83-163.htm)

[Transport Canada = http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html](http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html)

[National Safety Mark, NSM = http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html](http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html)

[Manitoba/Winnipeg Safety and Health Act, Parts 12, 22 = http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php](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](http://www.csa.ca/about/Default.asp?language=english)

[Under Writers of Canada, U/L = http://www.ulc.ca/](http://www.ulc.ca/)

[Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers](http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers)

- 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 QUALIFICATIONS OF MANUFACTURER / BIDDER/CANADIAN REFERENCES-

- 3.1 Manufacturers of the **Refuse Compactor** must have five (5) continuous years of experience manufacturing **Refuse Compactors** of the type being offered.
- 3.2 The Bidder shall be an authorized distributor/supplier of the **Refuse Compactor** equipment being bid.
- 3.3 The bidder shall submit a reference list of minimum **five Canadian references-**

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____

4.0 SERVICE FACILITY-

- 4.1 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. 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.

- 5.0 **ELIGIBLE MODELS-** 2010 CATERPILLAR 836H OR 2010 BOMAG 1172, **AI-JOHN ADV 600** OR EQUIVALENT IN ACCORDANCE WITH B5. SUBSTITUES STATED HEREIN.

- 5.1 **State make and model-** _____

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 GENERAL SPECIFICATIONS-

- 7.1 Operating Weight State- _____
- 7.2 Engine Type Tier III or IV compliant -diesel, liquid cooled and turbo charged. (SCR- Selective Catalytic Reduction not acceptable).Engines shall be warranted to use biodiesel at a B10 blend level (10% biodiesel to 90% ultra low sulphur diesel), where the biodiesel will meet product specification ASTM D 6751 to ensure fuel quality, state- _____
- 7.3 Engine Gross Power State-
- 7.4 Transmission- State type and speeds - _____

7.5	Drum Width	State-	_____
7.6	Drum Diameter	State-	_____
7.7	Diameter with Tips	State-	_____
7.8	Tips per Wheel	State-	_____
7.9	Fuel Tank Capacity	State-	_____
7.10	Hydraulic Tank Capacity	State-	_____
7.11	Ground Clearance	State-	_____
7.12	Height to Top of Cab	State-	_____
7.13	Height to Top of Exhaust	State-	_____
7.14	Height to Top of Hood	State-	_____
7.15	Ground Clearance to Bumper	State-	_____
7.16	Wheelbase	State-	_____
7.17	Length with Blade on Ground	State-	_____
7.18	Width over Wheels	State-	_____
7.19	Turning Radius	State-	_____
7.20	Blade Width Straight	State-	_____
7.21	Engine air intake height	State-	_____
7.22	ROPS	Required	_____
7.23	Dozer blade	State construction details-	_____
7.24	Access point(s)	State type and location-	_____
7.25	Noise insulated cab	Required	_____
7.26	Vibration isolated cab mounting	State-	_____
7.27	Pressurized Cab	Required	_____
7.28	Cab heating & air conditioning	Required	_____
7.29	Sliding windows right/left	Required	_____
7.30	Tinted safety glass	Required	_____
7.31	Air suspension seat	Required	_____
7.32	Heated seat	Required	_____
7.33	Controls for dozer blade	State location-	_____
7.34	Steering	State type-	_____
7.35	Sun shade	Required	_____
7.36	Rear view mirror(s)	State locations-	_____
7.37	Joystick steering	Required	_____
7.38	Windshield wipers front & rear	Required	_____
7.39	Audible back-up alarm system	State dba-	_____
7.40	Warning horn	Required	_____
7.41	Electronic monitoring system	Required	_____
7.42	Rotary beacon	Required	_____
7.43	Heated outside mirrors	Required	_____

7.44	Operator Indicators and gauges	Required	_____
7.45	AM/FM/CD radio	Required	_____
7.46	Electrical system	State system-	_____
7.47	Battery disconnect switch	Required	_____
7.48	Heavy duty batteries	State CCA-	_____
7.49	Alternator	State amps-	_____
7.50	Work lights front/rear	Required	_____
7.51	CPL central lubrication system	Required	_____
7.52	Fuel priming pump	Required	_____
7.53	Fuel filtering system	Required	_____
7.54	Air filter	State type-	_____
7.55	Cold starting aid	State type-	_____
7.56	Hydraulic steering	State type-	_____
7.57	Replaceable blade cutting edges	Required	_____
7.58	Towing hooks front/rear	Required	_____
7.59	Interval switch for windshield wipers	Required	_____
7.60	Rear view camera	required	_____
7.61	Adjustable scrapers front and behind each wheel	Required	_____
7.62	Two (2) wire cutters at each wheel	Required	_____
7.63	Protection of all drive	State type-	_____
7.64	GPS Wiring Provisions-	Required	_____
7.65	Anti-idle shut down	Required	_____
7.66	Noise decibels	State dba-	_____

8.0 TOTAL MAINTENANCE AND REPAIR AGREEMENT BASED 3000 HOURS PER YEAR (3) YEARS

8.1 **State optional pricing for a total maintenance and repair agreement.** \$ _____

The Agreement shall include the following:

INCLUDES:

- All scheduled and unscheduled repairs as required to maintain the machine in good, safe working condition
- All scheduled Preventive Maintenance (PM) services from **250 hour service** and up as per the OEM
- Valve adjustment as per OEM
- All fluids and liquid filters to perform PM's

- Air filters at 500 and 1,000 hour intervals
- Cab air filters at 1,000 hour intervals
- Travel Time and Mileage

EXCLUSIONS:

- Wheels and tips
- Fire Suppression (maintenance, repair or certification)
- Auto Greasing system
- Blade
- Daily greasing and fluid top ups
- Glass / tin wear / paint

9.0 STANDARD WARRANTY -

9.1 Upon request, complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator.

9.2 The Contractor shall warrant all equipment and all parts thereof, against any 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 within five **(5) years or 7500 hours** from the date the equipment is put into service by the City of Winnipeg.

9.3 Notwithstanding 9.2 above, the Contractor shall warrant all attachments, and all parts thereof, against any 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 within **one (1) year** from the date the equipment is put into service by the City of Winnipeg.

9.5 All incidental warranty related costs (including, but not limited to, Contractor's travel, mileage, deductibles, towing costs etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor.

9.6 All warranty work performed by the contractor is be accompanied with a priced warranty invoice showing a zero balance minus any deductibles.

10.0 EXTENDED WARRANTY OPTION-

10.1 **State optional pricing for extended warranty options-**

\$ _____

11.0 EXTENDED GUARANTEED BUYBACK OPTION-

11.1 State **guaranteed buy back** options for (3) years 9000 hours on unit \$ _____

11.2 State **guaranteed buy back** options for (4) years 12,000 hours on unit \$ _____

11.3 **Bidder shall submit all details regarding buyback options details.** _____

12.0 ONLINE DEALER SUPPORT-

12.1 The following information shall be **available live web based on line** at the time of delivery of the equipment and shall be included in the Form B Bid prices. On-line dealer support shall be for a (5) year life cycle.

The Refuse Compactor shall have a factory Installed Equipment Management System which provides the following:

Wireless communications designed to deliver:

- Location
 - Utilization
 - Performance
 - Maintenance data
 - Fault codes
 - Service history
 - Preventative Maintenance schedules
 - Fuel data.
 - On-line support shall be 24 hours/ 7days a week /365 days a year
 - **(PDF versions not acceptable)**
- _____

12.2 **Operational (Operator manual) information-** Shall consist of the following:

- On line comprehensive technical and operational information preferred
 - On-line support shall be 24 hours/ 7days a week /365 days a year Preferred
- _____

12.3 **Parts/technical/service/repair information-** Shall consist of the following:

- Parts/technical/service/repair information
 - On-line equipment electrical diagnostic information
 - The ability to purchase parts from an on-line catalogue is preferred.
 - Ordered parts lists, ie; PM service kits.
 - Parts recalls
 - Ability to order parts on line 24 hours/ 7days a week /365 days a year preferred
 - **(PDF versions not acceptable)**
 - Ability to browse the on-line catalogue, check availability, view any remanufactured options, verify pricing, choose a delivery method and confirm delivery time, available on line 24/7. Ability to create your own frequently ordered parts lists, or PM lists
 - Provide a comprehensive, easy-access technical library, on line, available 24/7 to allow service work to be completed faster and more accurately, minimizing downtime and reducing repair costs
- _____

12.4 **Preventative maintenance schedules-** Shall consist of the following:

- Provide on-line detailed checklists that outline critical steps in the PM process
 - Detailed fluid analysis reports which include present and past results preferred.
 - The ability to view frequently ordered parts lists, ie PM Service kits.
 - **(PDF versions not acceptable)**
-

12.5 **State Website address -**

12.6 Website subscriptions that is necessary in providing delivery of the information shall be included in the cost.

12.7 The information contained in the website must be deemed acceptable by the City's equipment inspector. In the event that the City inspector finds the that the information contained on the website.

- Does not provide enough detail
- Is too difficult to navigate
- **(PDF versions not acceptable)**

At the inspectors discretion, the Contractor shall instead, supply the required manuals/CD's/paper bound copies.

12.8 All necessary computer software, cables etc. shall be included

13.0 PERFORMANCE RELIABILITY-

13.1 The responsibility for the design of the **Refuse Compactor**, its performance and reliability shall rest upon the Contractor.

13.2 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.

13.3 Where the **Refuse Compactor** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

14.0 TRAINING-

14.1 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.

14.2 Training Aides:

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

14.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

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

For the primary unit:

For major attachments (if applicable):

- 14.5 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works 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:

**Public Works Safety and Operator Training Division
Operator Training Branch
2nd Floor, Building "B", 1500 Plessis Road
R2C 5G6**

E-mail: pwd-opertrain@winnipeg.ca

Attn: Equipment Training Coordinator - Pending Equipment Delivery

15.0 LITERATURE-

- 15.1 Bidders shall submit within twenty-four (24) hours upon request of the Contract Administrator, current descriptive, detailed literature on the equipment being bid.

16.0 DELIVERY-

- 16.1 **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 WFMA 185 Tecumseh Street, Winnipeg MB.
- 16.2 **Delivery Time-** Within **twenty (20)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.
- 16.3 **Delivery Contact-** The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 16.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list