



## **INVITATION FOR EXPRESSIONS OF INTEREST NO. 169-2010**

### **With respect to the Supply and Delivery of Truck Mounted Sweepers**

The City of Winnipeg (City) is inviting Expressions of Interest (EOI) from Respondents experienced in the supply, delivery and service of six-wheeled truck mounted street sweepers (sweepers).

#### **1. Background**

- 1.1. The Public Works Department, Street Maintenance Division (Street Maintenance) relies on street sweeping equipment to clean city streets during spring clean-up and throughout the summer months. Currently, Street Maintenance operates two (2) six-wheeled street sweepers in their fleet.
- 1.2. Over the past five years, the Winnipeg Fleet Management Agency (WFMA) has leased two Elgin Eagle sweepers for Street Maintenance and the equipment has performed satisfactorily. It is the intent of this trial and testing period to identify and evaluate street sweepers most suitable for City operations.

#### **2. Purpose**

- 2.1. The purpose of this EOI is to seek responses from Respondents that will:
  - 2.1.1. Provide The City with information related to various models of sweepers offered by Respondents. This information will be used to aid in the selection of up to four sweepers for a six month rental for the purposes of testing and trial.
  - 2.1.2. Provide the City with a cost for a six month testing and trial period of sweepers. Test period shall be from April 1, 2010 to October 1, 2010; and
  - 2.1.3. Aid in the development of specifications for a bid opportunity for the anticipated future five year lease of sweepers suitable for City operations.

#### **3. Submission Requirements**

- 3.1. The EOI Submission should include:
  - a) the name and contact information (address, phone, fax, and email) of the individual who will act as the Respondent's principal contact throughout the EOI process;
  - b) fully completed "Draft Specifications – Truck Mounted Street Sweepers" attached; and
  - c) any other pertinent literature that the Respondent believes may be useful to the City in their determination.
- 3.2. The EOI Submission may be submitted by mail, courier or personal delivery, or by facsimile transmission.

- 3.2.1. If the EOI Submission is submitted by mail, courier or personal delivery, it shall be enclosed and sealed in an envelope clearly marked with the EOI number and the Respondent's name and address, and shall be submitted to:

The City of Winnipeg  
Corporate Finance Department  
Materials Management Division  
185 King Street, Main Floor  
Winnipeg MB R3B 1J1

- 3.3. If the EOI Submission is submitted by facsimile transmission, it shall be submitted to (204) 949-1178.

- 3.3.1. The Respondent is advised that the City cannot take responsibility for the availability of the facsimile machine at any time.

- 3.4. EOI Submissions submitted by internet electronic mail (e-mail) will not be accepted.

- 3.5. The City may require the Respondent to clarify any portion of its EOI Submission.

**3.6. The deadline for EOI Submissions is:**

**4:00 p.m., Winnipeg time**

**March 26, 2010**

**4. Evaluation of EOI Submissions**

- 4.1. The sweepers will be evaluated based on:

- a) how closely sweepers correspond to the "Draft Specifications – Truck Mounted Street Sweepers"; and
- b) any other considerations available that may be advantageous to City operations.
- c) price

**5. Anticipated Process**

- 5.1. The City will analyze all submissions and select up to four sweepers for testing and trial.

- 5.2. The WFMA will work with Streets Maintenance during the testing and trial period to further develop the Draft Specifications – Truck Mounted Street Sweepers.

- 5.3. At the end of the testing and trial period the City intends to publish a Bid Opportunity utilizing the newly developed Specifications – Truck Mounted Street Sweepers.

- 5.3.1. The evaluation criteria for the Bid Opportunity, to be published subsequent to the testing and trial period is anticipated to include:

- a) **OPERATIONAL/SAFETY AND OPERATOR ACCEPTANCE** – The ability to maneuver and dump within confined spaces in the City of Winnipeg without causing significant damages to the unit and provide adequate safety to the operator. This criteria also includes operator acceptance, and operator confidence with the equipment being offered;
- b) **FUEL CONSUMPTION** – Total fuel consumption and the environmental impact to the City;

- c) **REPLACEMENT PARTS ANALYSIS (DAMAGES)** – Cost analysis of regularly scheduled replacement parts and potential damaged parts; and
- d) **EXPEDIENCY OF DEALER PARTS & SERVICE SUPPORT** – The local dealer's ability to provide expedient parts and service support for the equipment being offered.

5.3.2. Notwithstanding any other section of the EOI, The City of Winnipeg may, in its sole discretion, at any time, elect not to proceed with a Bid Opportunity.

## **General Conditions**

### **6. No Contract**

**6.1. This is an inquiry only. By submitting an EOI Submission and participating in the process as outlined in this EOI, Respondents expressly agree that no contract of any kind is formed under, or arises from, this EOI and that no legal obligations will arise.**

### **7. Right to Alter**

7.1. The City of Winnipeg reserves the right to alter any of the conditions and criteria outlined in this EOI, including the deadline for submissions, by posting addenda on The City of Winnipeg website at:  
<http://www.winnipeg.ca/matmgt/bidopp.asp>. It is the responsibility of the Respondent to ensure that any possible addenda have been reviewed.

### **8. City's Contact Person**

8.1. All enquiries should be directed to:  
Real Pelletier  
Coordinator of LCCM  
770 Ross Avenue  
Winnipeg Manitoba R3E 1C6  
Telephone No. (204) 986-5328  
Facsimile No. (204) 986-3773  
Email: [rpelletier@winnipeg.ca](mailto:rpelletier@winnipeg.ca)

**TRUCK MOUNTED STREET SWEEPER**

**INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

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.

Each bidder is required to fill in every blank. Failure to do so may be used as a basis for rejection of bid."

**State year, make & model of equipment being bid-** \_\_\_\_\_

**1.0 PERFORMANCE – TRUCK MOUNTED SWEEPER**

1.1 The truck mounted street sweeper with automatic transmission, shall be capable of road speeds of 110 km/hr minimum and shall have consistent top performance of sweeping road debris and leaves on City streets while being safely and efficiently controlled by one (1) operator while operating within the confines of one (1) traffic lane. \_\_\_\_\_

1.2 The unit shall be capable of consistent top performance for the functions stated in Section 10.1 during the spring, summer and fall environments which are normal to the City of Winnipeg. \_\_\_\_\_

1.3 For safety and to avoid damage to all sweeping components the main broom, conveyor and side brooms shall lift whenever the unit is placed into reverse. \_\_\_\_\_

**2.0 WEIGHT AND DIMENSIONS**

2.1 Operating weight, empty – 17,000 lbs. approx., state. \_\_\_\_\_

2.2 Wheelbase – 120 in. approx., state. \_\_\_\_\_

2.3 Machine width – 102 in. max., state. \_\_\_\_\_

2.4 Sweeping swath – 120 in. approx., state. \_\_\_\_\_

**3.0 GENERAL CHASSIS/CAB SPECIFICATIONS**

3.1 Type – cab over engine with tilting cab. State make and model of chassis being bid. \_\_\_\_\_  
\_\_\_\_\_

3.2 GVWR – state. \_\_\_\_\_

3.3 Tires: \_\_\_\_\_

3.3.1 Front tires – state size. \_\_\_\_\_

3.3.2 Dual rear tires – state size. (SRW units will not be accepted). \_\_\_\_\_

- 3.4 Propulsion engine – inline 6-cylinder diesel, state make and model. \_\_\_\_\_
- 3.4.1 Horsepower – 200 hp gross approx., state. \_\_\_\_\_
- 3.4.2 Torque – 520 lb-ft approx., state. \_\_\_\_\_
- 3.4.3 Block heater – immersion type, 750 watt minimum with covered, recessed male plug. \_\_\_\_\_
- 3.4.4 Batteries – two (2) maintenance free rated not less than 1200 CCA \_\_\_\_\_
- 3.5 Transmission – automatic, with heavy duty oil cooler state type. \_\_\_\_\_
- 3.6 Brakes – air with auto slack adjusters or hydraulic, state type. \_\_\_\_\_
- 3.6.1 Parking brake – required. \_\_\_\_\_
- 3.7 Fuel tank – 200 L capacity approx., fully fuelled upon initial delivery. \_\_\_\_\_
- 3.7.1 Fuel/water separator – required. \_\_\_\_\_
- 3.8 Starter switch – key operated with three (3) sets of keys. \_\_\_\_\_
- 3.9 Radio – AM/FM. \_\_\_\_\_
- 3.10 Air conditioning – required, factory installed. \_\_\_\_\_
- 3.11 Sun visors – required. \_\_\_\_\_
- 3.12 Exterior mirrors – dual West Coast, 7" x 16" approx., or equivalent mirrors. State type. \_\_\_\_\_
- 3.13 Convex mirrors – 6" auxiliary, mounted below West Coast mirrors. \_\_\_\_\_
- 3.14 Windshield wipers – dual speed electric with intermittent. \_\_\_\_\_
- 3.15 Cab colour – white. \_\_\_\_\_
- 3.16 Flare kit – three (3) triangular reflectors, CVSA approved. \_\_\_\_\_
- 3.17 Noise level, interior – maximum 83 dB(A), measured in accordance with SAE J336. State noise level. \_\_\_\_\_
- 4.0 SWEEPER MODULE**
- 4.1 Hopper:**
- 4.1.1 Capacity – 3.0 cubic yards useable capacity, state. \_\_\_\_\_
- 4.1.2 Construction – steel construction or combination steel and stainless steel. State details of hopper construction. \_\_\_\_\_

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- 4.1.3 Dump height – variable ground level to 114 in., state. \_\_\_\_\_

- 4.1.5 Lift capacity – 11,000 lbs., state. \_\_\_\_\_
  - 4.1.6 Full load warning light in the cab to prevent overloads. \_\_\_\_\_
  - 4.1.7 Hopper dump control – dash mounted. \_\_\_\_\_
  - 4.1.8 For safety, the cab shall have an “unlevel grade” indicator. \_\_\_\_\_
  - 4.2 Water system:**
  - 4.2.1 Water pump – capable of running dry continuously. \_\_\_\_\_
  - 4.2.2 Tank capacity – 1000 L approx., state. \_\_\_\_\_
  - 4.2.3 Tank material – corrosion proof, polyethylene, stainless steel or equivalent, state material. \_\_\_\_\_
  - 4.2.4 Low water indicator – required, dash mounted. \_\_\_\_\_
  - 4.2.5 In-line water filter – required, readily accessible. \_\_\_\_\_
  - 4.2.6 Water delivery valves – adjustable, variable flow, operator controlled. \_\_\_\_\_
  - 4.2.7 Hydrant hose – 25 ft. length, equipped with 2½ in. NST hydrant coupler. Equipped with a siphon breaker. \_\_\_\_\_
  - 4.2.8 Storage compartment – required for proper storage of hose. \_\_\_\_\_
  - 4.2.9 Sweeper shall be equipped with an internal hopper/conveyor flush and wash down system. \_\_\_\_\_
  - 4.3 Side brooms:**
  - 4.3.1 Type – hydraulic driven, 42 in. diameter, mounted on right and left sides with replaceable segments. \_\_\_\_\_
  - 4.3.2 Up/down/rotation function, and adjustable down pressure – hydraulic with individual in-cab controls. \_\_\_\_\_
  - 4.4 Main broom:**
  - 4.4.1 Type – hydraulic driven, variable speed, 35” diameter x 60” long approx., state dimensions. \_\_\_\_\_
  - 4.4.2 Raise/lower – hydraulic raise lower with in-cab controls \_\_\_\_\_
  - 4.5 Hydraulic system:**
  - 4.5.1 Oil reservoir – approx. 75 L capacity. \_\_\_\_\_
  - 4.5.2 Suction filter – 10 micron with in-cab restriction indicator. \_\_\_\_\_
  - 4.5.3 State details of additional filtration. \_\_\_\_\_
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**4.6 Electrical & lighting:**

- 4.6.1 All vehicle lighting shall conform to CMVSS (latest revision) and the Manitoba Highway Traffic Act. \_\_\_\_\_
- 4.6.2 Electrical system – 12-volt negative ground electrical system including combination stop and taillights, sealed multiple beam headlights, high beam/low beam switch, adjustable side broom spotlights, illuminated gauges and instrument panel, internally illuminated rocker switches, self-cancelling directional signals, and hazard switch. \_\_\_\_\_
- 4.6.3 Mini light bar – roof mounted with limb guard. Light shall be activated by a dash-mounted switch, wired through ignition. \_\_\_\_\_
- 4.6.4 Visibility – sweeper must have 360° visibility and shall be highly visible in all traffic situations. Depending on the make and model being bid, the Contractor may be required to provide additional strobe lighting at the rear of the unit at no additional charge. \_\_\_\_\_
- 4.6.5 Back-up alarm – 97 dB(A). \_\_\_\_\_

**5.0 SLOW MOVING VEHICLE SIGNS**

- 5.1 Slow Moving Vehicle Sign – required on the 3 -wheeled street sweepers, Grote 71152 or equal, rear mounted in a visible location. \_\_\_\_\_

**6.0 MANUALS AND LITERATURE**

- 6.1 The Contractor shall provide two (2) sets of operational manuals and two (2) sets of maintenance manuals for each make and type of street sweeper for use by the City during the lease period. (CDs are preferred). \_\_\_\_\_
- 6.1.1 Bidders shall supply detailed drawing(s) or literature of the street sweepers with their bid. \_\_\_\_\_

**7.0 TRAINING**

- 7.1 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 duration of the sessions shall be as long as required for adequate familiarization and orientation of each types of equipment to the satisfaction of the Contract Administrator. The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator. \_\_\_\_\_

Note: Pricing should be based on two (2) working days for maintenance personnel and two (2) working days for operating personnel for each equipment type. Final payment of the equipment will not be issued until successful completion of training has been conducted to the satisfaction of the Contract Administrator.

**8.0 SERVICE FACILITY**

8.1 The Contractor shall have a service and maintenance facility located within 10 km of the boundaries of the City of Winnipeg. \_\_\_\_\_

**9.0 PARTS AVAILABILITY**

9.1 Regular maintenance and servicing parts shall be stocked at the Contractor's service facility. \_\_\_\_\_

9.2 All other parts not normally stocked for the equipment being bid shall be made available to the City of Winnipeg within 48 hours of notification. \_\_\_\_\_