

**PART A**

**BID SUBMISSION**

**FORM A: BID**  
(See B7)

1. Project Title SUPPLY & DELIVERY OF A SELF-PROPELLED, COMPACT ROAD SWEEPER

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 D3.1 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 SELF-PROPELLED, COMPACT ROAD SWEEPER**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX QTY	UNIT PRICE	AMOUNT
1	Self-Propelled Compact Road Sweeper	06069	Each	1	\$ _____	\$ _____
2	Operator's Manual for Item 1	06069	Each	2	\$ _____	\$ _____
3	Parts, Repair and Technical Service Manuals/CDs for Item 1	06069	Set	2	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____ _____						

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

## FORM N: DETAILED SPECIFICATIONS 06069

### SELF-PROPELLED, COMPACT ROAD SWEEPER

*(Street Maintenance)*

#### **1.0 TYPE**

- 1.1 Shall be a self-propelled, compact road sweeper complete with equipment and features as specified herein. The unit shall be equipped with dual side brooms and vacuum capabilities. The unit shall be the manufacturer's latest model.
- 1.2 The road sweeper 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 unit 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.

#### **3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR**

- 3.1 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 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 on compact road sweeper equipment, and general service capabilities. A description of the service facility shall be provided within 3-Calendar 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 warranty work be performed by the City of Winnipeg Repair Facility. 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: \$73.50/hour regular time, \$103.50/hr overtime and callout).

#### **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 Shall be capable of consistent top performance for sweeping and picking-up debris on City streets and parking lots during the spring, summer and fall environments which are normal to the City of Winnipeg. \_\_\_\_\_

**6.0 MAKE AND MODEL**

6.1 **State make and model of sweeper being bid.**\_\_\_\_\_

**7.0 SPECIFICATIONS**

7.1 Dimensions, frame – 116"L x 51"W x 81"H approx., state. \_\_\_\_\_

7.1.1 Wheelbase – 58 in. approx., state. \_\_\_\_\_

7.1.2 Cleaning path – 63 in. minimum. \_\_\_\_\_

7.2 Operating weight, including operator, fully fuelled, full water tank – 4,900 lbs. approx., state. \_\_\_\_\_

7.3 Engine – 3-cylinder diesel engine, liquid cooled, 34 hp minimum. \_\_\_\_\_

7.4 Transmission/propulsion – fully hydrostatic motors on front wheels. \_\_\_\_\_

7.5 Top speed – 20 km/hr minimum. \_\_\_\_\_

7.5.1 Maximum sweeping speed – 12 km/hr approx., state. \_\_\_\_\_

7.6 Vacuum system – hydraulically driven vacuum fan located at top of hopper, not in waste stream. \_\_\_\_\_

7.6.1 Airflow – 445 cfm minimum. \_\_\_\_\_

7.6.2 Vacuum head – located between front brushes with hydraulic raise/lower. \_\_\_\_\_

7.7 Sweeping system – two (2) hydraulically driven brushes located at front of machine to convey debris into vacuum head. \_\_\_\_\_

7.7.1 Brush size – 25 in. diameter approx., state. \_\_\_\_\_

7.8 Dust suppression – accomplished by water and mechanical screen filters. Water spray nozzles required on each sweeping brush and inside the suction nozzle. Dual filter system to prevent dust from escaping the machine. \_\_\_\_\_

7.9 Hopper – steel construction, 0.65 yd<sup>3</sup> minimum. \_\_\_\_\_

7.9.1 The hopper shall be mounted to a mechanical/hydraulic system that enables the hopper to be lifted up and tilted for emptying. \_\_\_\_\_

7.9.2 Hopper dumping height – 57 in. minimum. \_\_\_\_\_

- 7.10 Braking system – hydraulic type and/or hydrostatic braking c/w parking brake. \_\_\_\_\_
- 7.11 Cab – all tempered glass operator cab for maximum visibility and direct view of vacuum head and brushes. \_\_\_\_\_
- 7.11.1 Climate controls – heater/defroster with variable speed fan. \_\_\_\_\_
- 7.11.2 Rear view mirrors – dual, exterior side mounted. \_\_\_\_\_
- 7.11.3 Driver's seat – suspension seat with seat belt. \_\_\_\_\_
- 7.11.4 Doors – side entry doors with sliding windows. \_\_\_\_\_
- 7.11.5 Windshield wiper – required with washer. \_\_\_\_\_
- 7.11.6 Steering wheel – required with tilt steering column. \_\_\_\_\_
- 7.11.7 Controls – all levers and switches for controlling the sweeping system (brushes, vacuum, dumping, water control etc.) shall be ergonomically located. \_\_\_\_\_
- 7.11.8 Headlights – two (2) required with high/low beams and daytime running lights. \_\_\_\_\_
- 7.11.9 Turn signal lights – required front, rear and sides. \_\_\_\_\_
- 7.11.10 Parking brake – required with warning light. \_\_\_\_\_
- 7.11.11 Hourmeter – non-resettable type. \_\_\_\_\_
- 7.11.12 Ignition keys – three (3) sets required. \_\_\_\_\_
- 7.11.13 Horn – required. \_\_\_\_\_
- 7.11.14 Radio installation circuit – suitable for use with a 12 Volt, 20 Amp 2-way radio, fused or circuit breaker protected on a separate circuit. \_\_\_\_\_
- 7.11.15 Fuel gauge – required. \_\_\_\_\_
- 7.11.16 Water tank warning light – required. \_\_\_\_\_
- 7.11.17 Raised hopper warning light – required. \_\_\_\_\_
- 7.11.18 Fire extinguisher – ABC type, 5 lb., permanently fastened inside cab with quick release. \_\_\_\_\_
- 7.11.19 Hazard lights – required with dash mounted switch. \_\_\_\_\_
- 7.11.20 Warning lights – two (2), amber, Preco model 7611, roof mounted with fused, dash mounted switch, labelled with a permanent type engraved label, wired through ignition. Exact location to be determined at time of installation. \_\_\_\_\_

- 7.12 Back-up alarm – required, 97 dB. 

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- 7.13 Slow moving emblem sign – Grote 71152 or equal c/w bracket, mounted to rear of sweeper. 

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- 7.14 Fuel tank – 30 L minimum, fully fuelled upon delivery. 

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- 7.15 Tires – pneumatic type, 195/60 R14 approx., state front and rear size. 

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- 7.15.1 Spare tire and rim – one (1) required. 

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Note: If front and rear tires/rims differ in size, one (1) front spare tire & rim and one (1) rear spare tire and rim are required.

- 7.16 Water tank(s) – stainless steel, 220 L capacity minimum. 

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- 7.17 High pressure washer – approx. 3,000 psi c/w hand held spray-wand. 

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## **8.0 WARRANTY**

- 8.1 The Contractor shall warrant **all equipment** (excluding consumables) 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 **two (2) years or 2000 hours** from the date the equipment is put into service by the City of Winnipeg. 

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## **9.0 PERFORMANCE RELIABILITY**

- 9.1 The responsibility for the design of the complete unit, its performance and reliability shall rest upon the Contractor. 

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- 9.2 The term "*repeat failures*" as used herein is defined to mean that the same component, subassembly, or 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, sub-assembly, 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 schedules. 

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- 9.3 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. 

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## **10.0 MANUALS**

- 10.1 The following manuals shall be supplied with the unit when delivered. Manuals shall be in English and shall cover the complete equipment. 

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10.2 Operator's manual – quantity as per Form B: Prices. \_\_\_\_\_

10.3 Parts, repair and technical service manuals including preventative maintenance schedules for life of the backhoe – CDs preferred, quantity as per Form B: Prices. \_\_\_\_\_

**11.0 DELIVERY**

11.1 The unit shall be serviced, ready for operation and delivery F.O.B. with the freight prepaid to the City of Winnipeg, Winnipeg Fleet Management Agency, 185 Tecumseh Street, Winnipeg, Manitoba within **forty-five (45) calendar days** from the date of official notification of award of Contract. The Contractor shall contact the Contract Administrator prior to delivery of the equipment. Equipment shall be Delivered within 8:00am and 3:00pm on Business Days. \_\_\_\_\_

11.2 The Contractor shall fax all equipment serial numbers, hours to the Contract Administrator one (1) calendar week prior to delivery. \_\_\_\_\_

11.3 A pre-delivery inspection shall be performed by the Contractor on all equipment. \_\_\_\_\_

**12.0 TRAINING**

12.1 Operator training – the Contractor shall be required to provide one (1) Business Day of training, in Winnipeg by qualified staff, for City of Winnipeg operating personnel. All costs associated with the training, shall be at the Contractor's expense. The training session shall be sufficient in duration and shall provide adequate familiarization and orientation of the equipment, to the satisfaction of the Contract Administrator. All particulars surrounding the specified time required to perform the training shall be provided to the Contract Administrator by the Contractor, one (1) week prior to the delivery of the completed equipment. The training shall be coordinated through the Contract Administrator. \_\_\_\_\_

12.2 Mechanical training – the Contractor shall be required to provide two (2) Business Days of training, in Winnipeg by qualified staff, for City of Winnipeg maintenance personnel. All costs associated with the training, shall be at the Contractor's expense. The training session/s shall be sufficient in duration and shall provide adequate familiarization and orientation of the equipment, to the satisfaction of the Contract Administrator. All particulars surrounding the specified time required to perform the training shall be provided to the Contract Administrator by the Contractor, one (1) week prior to the delivery of the completed equipment. The training shall be coordinated through the Contract Administrator. \_\_\_\_\_