

**PART A**

**BID SUBMISSION**

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

1. Project Title **SUPPLY & DELIVERY OF A TRUCK MOUNTED WATERING ARM**

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 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.

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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 TRUCK MOUNTED WATERING ARM**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	Supply & Delivery of a Truck Mounted Watering Arm	<b>07030</b>	Each	(1)	\$ _____	\$ _____
2	Parts and Maintenance Manuals	<b>07030</b>	Each	(1) Set	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____						

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

## FORM N: DETAILED SPECIFICATIONS 07030

### SUPPLY & DELIVERY OF A TRUCK MOUNTED WATERING ARM (Parks Department)

#### 1.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 1.1 The **Supply & Delivery of the Truck Mounted Watering Arm shall be a 2007 or 2008 model year.** The vehicles shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned but which are required to complete and place the vehicle into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 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 vehicle.
- 1.3 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.
- 1.4 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**
- 1.5 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 1.6 The completed unit and all its components shall comply with all C.M.V.S.S. Canadian Motor Vehicle Safety Standards, M.H.T.A. Manitoba Highway Traffic Act, S.S.A Safety Standards Act, F.M.V.S.S Federal Motor Vehicle Safety Standards, D.O.T Department of Transportation, regulations and requirements as applicable.

#### 2.0 SERVICE FACILITY

- 2.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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.
- 2.2 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 2007: \$80.00/hour and \$ 105.00/hour for overtime and callout).
- 2.3 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 (1)** of the Clauses listed below. --- **2.3.1) OR 2.3.2)**

- 2.3.1 Bidder's own facility location. State the location of the service facility below.

- 2.3.2 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

### 3.0 **GENERAL INFORMATION-**

The directional watering handle shall be mounted on the front of a truck furnished by the City of Winnipeg.

- 2001 Freightliner FL 70
- Single Axle
- Approx. 33,000 lbs GVWR
- Dump Body
- Front Frame extensions
- Front Hydraulics
- Front Hydraulic Couplers

3.1 The multi-purpose equipment will be completely hydraulically operated and will serve as a high-pressure Sidewalk washing and a low pressure watering of flowers either on the ground or suspended in the air.

### 4.0 **SPECIFICATIONS- ELIGIBLE MODEL PCL- 500 WATERING HANDLE OR EQUIVALENT IN ACCORDANCETO B5. SUBSTITES STATED HEREIN.**

- |     |                                   |  |       |
|-----|-----------------------------------|--|-------|
| 4.1 | <b><u>DIRECTIONAL-</u></b>        | Handle and support to be mounted on a vertical pivot and entered on the bumper so as to be able to swing from left to right at a 0 degree to 180 degree angle.                     | _____ |
| 4.2 | <b><u>EXTENDABLE-</u></b>         | Extendable handle to permit watering in any direction at a distance from 1000 mm to 4318 mm and to an approx. height of 500 mm.  | _____ |
| 4.3 | <b><u>LIFTING-</u></b>            | Lifting of the handle shall permit the sprinkler head to be placed at a minimum height of 5000 mm from the ground and a horizontal distance form it's pivot equal to 2438 mm.      | _____ |
| 4.4 | <b><u>MECHANISM-</u></b>          | Directional mechanism shall permit rotation of the spray up to 360 degrees angle from it's axis and 180 degrees from it's transporting position.                                   | _____ |
| 4.5 | <b><u>SAFETY-</u></b>             | A hydraulic safety lock shall hold the handle in a folded position on the right side.  | _____ |
| 4.6 | <b><u>DIMENSIONS-</u></b>         | Shall have a maximum height of the handle in a transport position not to exceed approx. 3400 mm.   | _____ |
| 4.7 | <b><u>TRANSPORT POSITION-</u></b> | Minimum play while in a transport position must exceed 350 mm measured from the ground.  | _____ |
| 4.8 | <b><u>CONSTRUCTION-</u></b>       | Handle shall be constructed of shaped tubular steel in order to obtain a maximum of rigid ness and weight relation. Tubular steel shall be approximate (2 ½ in. X 2 ½ in. X ¼ in.) | _____ |
| 4.9 | <b><u>HANDLE-</u></b>             | The watering handle shall move up and down by means of a hydraulic cylinder, motor, rolling chain and gears.   | _____ |

4.10 **HYDRAULICS-**

Hydraulic system shall serve six (6) functions of which are controlled electro-hydraulically from the cab of the truck. All controls are shall be reachable for the operator.

Functions is as follows:

- Positioning and /or adjusting the handle
- Extending the handle
- Raising the handle
- Directing the spray of water
- Rotating the spray of water
- The Pivoting of the security pin

4.11 **CONTROL PANEL-**

Shall be equipped with identification labels of all different operational functions that are either engraved or in raised characters.

4.12 **PRESSURE CONTROL-**

The hydraulic system shall be equipped with pressure regulators that will limited the speed of the lifting movements and the extending, and directional handle.

4.13 **HOSES & VALVES-**

Hoses and hydraulic valves will be situated outside of the cab.

4.14 **SIDEWALK WATERING-**

Sidewalk watering device shall be high-pressure with the capacity to direct the spray of water at its angle of attack.

4.15 **WATERING OF PLANTS-**

Shall have a brass shower head for watering plants. Approx. 2 in. mounted on a ¾ in. hose that is 700 mm in length. Must be able to control the volume and water pressure for the purpose of watering plants.

4.16 **HOSE-**

Shall have a hose approx. 2 in. in order to feed the sidewalk washer/sprinkler from a reservoir.

5.0 **MANUALS -**

5.1 The Contractor shall supply the following manuals (in English) upon delivery of the vehicles:

5.1.1 Operator's manual – one (1) per vehicle.

5.1.2 Parts and Maintenance manuals- one (1) set.

5.2 Data Collections Sheets- Data collections sheets to be **completely filled out.** See clause D5.1 (PMDCS)

## 6.0 **WARRANTY-**

- 6.1 The Contractor shall warrant the vehicle 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 for a period of **(1) year parts and labour.** 

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- 6.2 In the event of a failure on the part of the Contractor to repair or replace any article during the warranty period within five (5) business days from the date of notification, the City may have the work performed by others and offset the cost against any money due, or that may become due to the Contractor, or if there is money due, the Contractor agrees to pay the City such cost. 

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

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- 6.4 The term "*repeated failures*" as determined by the Contract Administrator, as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the apparatus inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, 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 schedule. 

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- 6.5 Where the vehicle develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance, at no cost to the City, including all incidental costs, with a reapplied, full warranty as described in clause 6.4. 

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## 7.0 **TRAINING-**

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 one (1) calendar week 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 one half (1/2) business day for maintenance personnel and on one half (1/2) business day 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.

7.1 Training Aides

7.2 Training aids to be included.

7.3 On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available.

7.4 State if other training aides are available and state type

**8.0 DELIVERY-**

8.1 The equipment shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid to the City of Winnipeg, Fleet Management Agency, 185 Tecumseh Street, Winnipeg, Manitoba within **eight (8) calendar weeks** from the date of official notification of award of Contract. The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

8.1.1 The Contractor shall fax all vehicle serial numbers, hours/mileage to the Contract Administrator one (1) calendar week prior to delivery.

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