

FORM A: BID
(See B7)

1. Contract Title SUPPLY & DELIVERY OF TRAILER MOUNTED HIGH PRESSURE WASHERS

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 TRAILER MOUNTED HIGH PRESSURE WASHERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Trailer Mounted High Pressure Washers	09041	(Each)	(4)	\$ _____	\$ _____

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

(in words) _____

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 09041

- 1.1 The **Trailer Mounted High Pressure Washers and all associated attachments** shall be new 2009 model year or newer. The equipment 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 equipment into successful operation shall be furnished as though specifically mentioned in these specifications. The following description describes a high-pressure, hot water, gas engine driven washer. The washer shall be equipped with a diesel fuel fired 110 volt burner for use in the following situations:
- **Clearing culverts of ice when equipped with a sewer cleaning nozzle.**
 - **Cleaning of equipment when equipped with cleaning nozzles.**
- 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 equipment.
- 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 **Trailer Mounted High Pressure Washers**, associated attachments and all its components shall comply with the applicable regulations:
- Highway Traffic Act = <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>
- Canadian Motor Vehicle Safety Standards, CMVSS = <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>
- National Safety Mark, NSM = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>
- Manitoba/Winnipeg Safety and Health Act = <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://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

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.

3.0 TYPE DESCRIPTION-

3.1 STATE MAKE & MODEL OF STEAMER- _____

3.2 STATE MAKE & MODEL OF TANK- _____

3.3 STATE MAKE & MODEL OF TRAILER- _____

4.0 SPECIFICATIONS-

4.1 Washer shall be installed in an enclosed trailer and an approximately 250 gallons polyethylene water tank to supply water to the washer when tap water is unavailable. Washer shall be easily removed from trailer to allow use as a stand alone washer.

5.0 HOT WATER PRESSURE WASHER-

5.1 Flow output- 4 GPM _____

5.2 Pressure- Rating of 3000 psi. _____

5.3 Engine- 13 hp electric start gas engine _____

5.4 Burner output- 384,000 BTU, state BTU- _____

5.5 Burner voltage- 110 volt _____

5.6 Water pump- Positive displacement, triplex, ceramic plunger pump _____

5.7 Type- Belt driven _____

5.8 Crankcase- Oil bath crankcase _____

5.9 Un-loader valve- Pressure actuated un-loader valve set to maximum operating pressure. _____

5.10 Float Tank- Corrosion proof float tank shall be provided to supply water to pump _____

5.11	Water pump-	Water pump shall be driven by a 13 hp gas engine with electric start c/w battery and case low oil engine protection	_____
5.12	Water heater-	Diesel fuel fired, vertical fired coil, heating coil shall be Schedule 80 steel pipe coil, stainless steel combustion chamber, 110 volt automatic electric burner ignition, equipped with polyethylene fuel tank, 11 gal. (41 litre) capacity c/w fuel gauge, equipped with water separating fuel filter (spare filter shall be supplied)	_____
5.13	Washer-	Washer shall be equipped with a 2000 watt generator to provide power for the 110 volt burner ignition.	_____
5.14	Generator Plug-	Shall be provided on generator to provide power for lighting, 110 V, state amps-	_____
5.15	Controls-	Engine start/stop, engine hour meter, burner start/stop, adjustable detergent valve (allows application of detergent at high pressure)	_____
5.16	Washer Controls-	Low water shut-off protection, high temperature shut-off	_____
5.17	Hose, Nozzles and Wand-	Washer shall be equipped with 3/8" id., wire braid 3000 psi working pressure hose. Hose shall be oil and chemical resistant, swivel fittings and hose guards on both ends.	_____
5.18	Couplers-	Couplers shall be threaded (hand tightened) or of such design to prevent uncoupling while being pushed or pulled back in a culvert	_____
5.19	Hose #1-	One (1) length of hose 200 ft long and equipped with a trailer mounted hose reel shall be supplied.	_____
5.20	Hose # 2-	One (1) length of hose 50 ft long and equipped with a washer mounted hose reel shall be supplied.	_____
5.21	Connection-	Operator shall be able to connect both hoses together to have 250 feet of hose to clear long culverts.	_____
5.22	Nozzles-	All nozzles shall be stainless steel and quick-connect. Two (2) nozzles of each type listed below shall be supplied. -0° wash nozzle, 15° wash nozzle, 40° wash Nozzle, sewer cleaning nozzle for use in Clearing ice from culverts (one hole facing forward, three facing back)	_____

5.23	Trigger gun-	A trigger gun control wand (minimum length 36 inches) with insulated grips shall be supplied.	_____
6.0	<u>ACCESSORIES-</u>		
6.1	Roll Cage-	Washers shall be equipped with roll-cage chassis c/w lifting hook	_____
6.2	Pneumatic wheel kit	Required	_____
6.3	Sewer tape-	Roll of flat sewer tape ¾ inch X 1/8 inch X 100 feet, Ridgid Tools part number 62605 or approved alternate. Sewer tape shall have provision to secure sewer cleaning nozzle to end.	_____
6.4	Safety Requirements-	Trailer shall be equipped with a (10) lbs. ABC type fire extinguisher, flare kit and first aid kit	_____
7.0	<u>WATER TANK-</u>		
7.1	Tank-	Supplier shall provide a polyethylene water tank of approximately 250 gallons (1137 litres). Bidder shall size tank to insure trailer is not over loaded when full of water and when pressure washer, hoses etc. are carried on trailer.	_____
7.2	Location-	Water tank shall be installed in trailer close to the center line of axles to maintain uniform hitch weight as water is used.	_____
7.3	Mounting-	Tank shall be securely mounted in trailer and be removable for servicing when required.	_____
7.4	Shut-off valve-	A shut –off valve shall be installed on water tank to allow removal of pressure washer without draining tank of water.	_____
7.5	Water filter-	A water filter with a 50 mesh screen shall be installed between water tank and washer.	_____
7.6	Water tank venting-	Water tank vent shall be vented and equipped with a 15 inch opening at top. Complete with air gap for filling of tank.	_____
7.7	Tank Installation-	Tank shall be secured to the cross members of the trailer.	_____

8.0 TRAILER-

- 8.1 Description- The following describes a tandem axle, enclosed utility trailer of approximately 7,000 lb. GTWR capacity. Bidder shall insure trailer provided is of adequate capacity and size to carry fully loaded water tank, pressure washer, hoses, etc _____
- 8.2 Make, Model GTWR- State- _____
- 8.3 Dimensions- Overall length of trailer shall be approximately 20 feet, overall trailer width shall be 102 inches maximum. Overall trailer height shall be 102 inches maximum. Interior length shall be 196 inches minimum. Interior width shall be 90 inches (81 inches between wheel wells) minimum. Interior height shall be approximately 76 inches. _____
- 8.4 Trailer Cross members- Tubular cross members required. Trailer cross members must be constructed to accommodate size of tank requested for under this Contract the Contractor shall be held responsible for the satisfactory operational function and safety of the equipment being installed. _____
- 8.5 Rust Inhibitor- The complete under-carriage shall be sprayed with Line-X or equivalent protective spray on material. The proper sanding, primer shall be done before application. _____
- 9.0 BODY-**
- 9.1 Deck cross members- Deck cross members and wall posts shall be fabricated with hollow structural steel members on 16 inch centers, state- _____
- 9.2 Floor- Floor shall be 3/4 inch steel coated with Line-X or equivalent Anti-slip industrial coatings. Where wall meets the floor, shall be seam sealed. _____
- 9.3 Interior walls- Interior walls shall be lined with minimum 3/8 inch plywood coated with Line-X or equivalent industrial coatings-approx. 24 "up from floor _____
- 9.4 Lower front of trailer- Shall be equipped with an aluminum checker plate rock guard of 2 feet high. _____
- 9.5 Trailer body- Trailer body shall be sheathed with .030 inch thick aluminum. _____
- 9.6 Ventilation- Provision shall be made to adequately vent the pressure washer burner and engine when operating. _____

9.7	Work bench-	102" L x 24" D with approx. 34 in. working Height. Bench top to be laminated wood, approx. 2 in. thick.	_____
9.8	Drawers-	Three (3) pull-out, 24" W x 18" D x 30" H, latch able, drawers to have heavy-duty sliders to maintain min. 300 lbs capacity.	_____
9.9	Storage cabinet # 1-	24" W x 18" D x 30" H c/w two (2) height adjustable shelves. Cabinet shall have swinging, latch able doors.	_____
9.10	Storage cabinet # 2 –	24" W x 18" D x 30" H, c/w two (2) height adjustable shelves.	_____
9.11	Location-	Exact location of work bench, drawers and Storage cabinets to be determined upon Pre-production meet.	_____
9.12	Windows-	(2) 20" X 20" exterior windows. Window to be vented type. Exterior windows shall be supplied to allow natural light. Exact location to be determined upon pre-production meet. State size-	_____
10.0	<u>AXLES/TIRES/RIMS-</u>		
10.1	Capacity-	Trailer to be equipped with two (2) torsion axles capacity of 3,500 lbs. each.	_____
10.2	Brakes-	Axles to be equipped with electric wheel brakes.	_____
10.3	Hubs-	Axles to be equipped with 6 bolt hubs.	_____
10.4	Tires-	205R75 X 15, state make & model-	_____
10.5	Spare rim & tire-	Spare tire, rim and tire holder shall be supplied.	_____
10.6	Safety kit-	Trailer shall be equipped with a break away safety kit c/w battery.	_____
10.7	Fenders-	Full coverage fenders shall be provided for all wheel assemblies.	_____
10.8	Rims-	Aluminum	_____
11.0	<u>HITCH-</u>		
11.1	Coupler-	Trailer to be equipped 2 5/16 inch coupler	_____
11.2	Safety Chains-	Trailer shall be equipped with safety chains.	_____
11.3	Parking Jack-	Hitch to be equipped with screw type parking jack, capacity 7,000 lbs.	_____
11.4	Trailer tongue-	Trailer tongue and tail bulkhead shall be coated with a plastic polyurethane coating.	_____

12.0 DOORS-

- 12.1 Rear Doors- Double rear doors _____
- 12.2 Rear door dimensions- Rear door shall be a 77 inches wide and 74 inches tall. _____
- 12.3 Side door- Side doors shall be provided on the front right and left hand side. _____
- 12.4 Side door dimensions- Shall be a 35 inches wide and 62 inches high. Doors shall be wide enough to allow the pressure washer (when equipped with wheels) to pass through. _____

13.0 LIGHTING-

- 13.1 Wiring- All wiring shall be run in conduit. _____
- 13.2 Plug- Trailer shall be equipped with a 7 prong RV style plug. _____
- 13.3 Trailer lighting- Shall be equipped with rear facing combination red stop/turn/tail lights, two per side, installed in rear corner posts of trailer. Rear facing red clearance lamp, one per side. _____
- 13.4 Reflectors- Rear facing red reflector, one per side. _____
- 13.5 Marker lamp- Rear side maker lamp, red, two per side, rear facing red identification lamps, installed above rear door. _____
- 13.6 Clearance lamp- Front facing amber clearance lamp, one per side. _____
- 13.7 Front marker lamps- Front side marker lamps, amber, two per side. _____
- 13.8 Amber reflectors- Front facing amber reflectors, one per side. _____
- 13.9 Licence plate light- Required _____
- 13.10 Ceiling lighting- Ceiling lighting is required to illuminate when operating at night. Exact locations shall be determined upon pre-production meet- _____
- 13.11 All lighting- Shall be LED only, no exceptions- _____
- 13.12 Directional arrow- Mounted at the rear of the unit as well as two multi-directional spot lights, one mounted at the front of the trailer and one at the rear for night operation. Shall be capable to be adjusted by operator from inside the trailer. _____

14.0 COLOUR-

14.1 Trailer Exterior color- Unit shall be white _____

15.0 TRAINING-

15.1 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. _____

15.2 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. _____

15.3 The training shall be conducted within two (2) calendar weeks from the date of delivery and shall be coordinated through the Training Branch Department. _____

15.4 The training shall be conducted in Winnipeg at a time and location designated by the Training Branch Department. _____

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

15.6 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 Training Branch Department. _____

15.7 Training aids to be included.
a) On the type of equipment being offered, state if VHS videotape or CD Rom training aides are available- _____

15.8 State if other training aides are available and state type. _____

15.9 What is the recommended minimum training duration for:
Primary unit: _____

For major attachments (if applicable): _____

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

For the primary unit: _____

For major attachments (if applicable): _____

- 15.11 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 _____

- 15.12 State acknowledgement of item 15.11- _____

16.0 WARRANTY-

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

- 16.2 The Contractor shall warrant all equipment and all parts thereof, not including wear items 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 unlimited hours from the date the equipment is put into service by the City of Winnipeg. State warranty on the following: _____

Tank _____ Trailer _____ Steamer _____

- 16.3 Please state wear items- _____

- 16.4 Must supply priced warranty invoices with parts, labour posted and invoice showing a zero balance minus any deductibles _____

17.0 DELIVERY-

- 17.1 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. _____
- 17.2 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. It is the responsibility of the contractor to unload all tractors. State delivery time- _____
- 17.3 DELIVERY CONTACT- The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____
- 17.4 P.D.I- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____