

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title SUPPLY & DELIVERY OF AN ASPHALT JOINT SEALER

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.

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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 AN ASPHALT JOINT SEALER

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX QTY	UNIT PRICE	AMOUNT
1	Asphalt Joint Sealer	07024	Each	2	\$ _____	\$ _____
2	Operator's Manuals	07024	Each	3	\$ _____	\$ _____
3	Parts, Repair, Service Manuals	07024	Set	2	\$ _____	\$ _____
TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ (in words) _____ _____ _____						

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 07024

ASPHALT JOINT SEALER *(Centralized Services)*

1.0 SCOPE

- 1.1 These specifications describe the supply and delivery of a trailer mounted, self-contained, diesel fuelled joint sealing machine, capable of melting asphalt rubber sealants at a rate of 725 kg per hour.
- 1.2 The unit 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 equipment 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.
- 2.2 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker.

3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 3.1 The manufacturer of the asphalt joint sealer shall have demonstrated experience manufacturing joint sealers of the type being offered.
- 3.2 The Contractor shall be a manufacturer or authorized distributor/supplier of asphalt joint sealing equipment.
- 3.3 For the purpose of warranty repairs, 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 asphalt joint sealers, and general service capabilities. A description of the service facility shall be provided within 3-Calendar Days upon request of the Contract Administrator.
- 3.4 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 Facilities. Any work performed by City of Winnipeg Repair Facilities 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/hr regular time, \$105.00/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 The asphalt joint sealer shall be capable of consistent top performance for heating and applying asphalt sealant during the summer environment that is normal to the City of Winnipeg. _____

6.0 MAKE AND MODEL

6.1 **State make and model of asphalt joint sealer being bid.**_____

7.0 DIMENSIONS & WEIGHTS

7.1 Operating weight – state. _____

7.2 Maximum overall length – state. _____

7.3 Maximum overall height – state. _____

7.4 Maximum overall width – state. _____

8.0 HEATING TANK

8.1 Tank capacity – 750 L minimum at 21°C, state capacity. _____

8.2 Asphalt tank – fully enclosed. _____

8.3 Oil heating tank – 75 L minimum at 21°C, state capacity. _____

8.4 Asphalt tank and jacket – 4.75 mm (³/₁₆ in.) steel minimum, state. _____

8.5 Covered insulation – shall be provided to protect workers, state material and thickness. _____

8.6 Loading hatch – shall have an anti-splash provision. _____

8.6.1 State hatch dimensions. _____

8.6.2 State loading height. _____

8.7 Agitation – state type. _____

9.0 HEATING SYSTEM

- 9.1 Oil heater shall be a diesel fired burner with a minimum 4.2 m² (45 ft.²) exposure to heating surface. _____
- 9.2 Capacity – minimum 290,000 BTU, state. _____
- 9.3 Burner to have an electric spark igniter. _____
- 9.4 Melt rate – 725 kg/hr (1600 lbs/hr) minimum, state. _____
- 9.5 Heat transfer oil to be continuously circulated around asphalt tank, state pump capacity. _____
- 9.6 Temperature control shall be via a thermostatically controlled high-temperature limit switch. _____
- 9.7 Temperature gauges shall display the temperature of the heating oil, the asphalt material in the tank and the temperature of the asphalt material on the discharge side of the pump. _____

10.0 PUMPING UNIT & PIPING

- 10.1 Asphalt pump shall be a 51 mm (2 in.) positive displacement unit, jacketed and heated by the heat transfer oil. _____
- 10.1.1 Pump shall be reversible to allow material to be pumped back into the material tank. _____
- 10.2 All hydraulic motors shall be driven by a single hydraulic pump. _____
- 10.3 Control valves for all hydraulic functions shall be located at the rear of the unit on the curb side. _____

11.0 SEALANT HOSE & APPLICATOR

- 11.1 Hose – shall be designed for use with petroleum based products up to 230°C @ 4100 kPa (446°F @ 595 psi.). _____
- 11.1.1 Hose size – 25 mm (1 in.) diameter approx., state. _____
- 11.1.2 Length – min. 6.1 m (20 ft.) long, state. _____
- 11.2 Applicator – light weight design with insulated handles. _____
- 11.2.1 Equipped with a valve to control the flow of material. _____
- 11.3 Hose heating chamber – required for application hose storage. _____
- 11.4 Clean-out shall not require any solvent under normal operating conditions. _____

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11.4.1 Give description of cleanout: _____

12.0 ENGINE & ENGINE EQUIPMENT

12.1 Type – diesel fuelled engine. _____

12.1.1 State make and model being bid. _____

12.1.2 Displacement – state. _____

12.1.3 Horsepower – state rating & corresponding rpm. _____

12.2 Oil filter – full flow spin-on type. _____

12.3 Exhaust – mufflered. _____

12.4 Fuel tank – 110 L min., fully fuelled upon delivery. _____

12.5 Electric starter – key type electric starter c/w three (3) sets of ignition keys. _____

12.6 Battery – readily accessible for servicing, state CCA. _____

12.7 Alternator/generator – state type and output. _____

12.8 Hourmeter – required, non-resettible type. _____

13.0 TRAILER

13.1 Frame – heavy duty welded steel frame to match GVWR. _____

13.2 Axles – state single or tandem. _____

13.2.1 Axle weight rating to match GVWR, state rating. _____

13.3 Suspension – spring type. _____

13.4 Wheels & tires – demountable rims with 6-ply tires minimum, state size and rating. _____

13.5 Brakes – surge type hydraulic brakes with reverse lockout or electric brakes, state type. _____

13.6 Pintle eye – 63-76 mm (2½-3 in.) ID lunette eye, approx. 61 cm (24 in.) above ground. _____

13.7 Safety chains – two (2) chains, shall conform with CMVSS and the Manitoba Highway Traffic Act. Eye hooks to be complete with spring closures. _____

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13.8 Jack stand – screw type, heavy duty with sandpad, pin on type, snap ring is not acceptable. _____

13.9 Mudflaps – black, rubber, no-name, required at rear of tires. _____

14.0 ELECTRICAL AND LIGHTING

14.1 Shall be equipped with a 12-Volt, negative ground electrical system that satisfies the requirements of the CMVSS and the Manitoba Highway Traffic Act and includes at least the following:

14.2 Combination turn/stop and taillights – Truck-Lite P/N 44302R, one (1) per side with 40700 mounting grommets. _____

14.3 Clearance lamps – Truck-Lite P/N 10250R and 10250Y with P/N 10700 mounting grommets. _____

14.4 Light cluster – three (3) Truck-Lite P/N 10250R with P/N 10700 mounting grommets. _____

Note: Light cluster required if unit is over 203 cm (80 in.) wide.

14.5 Rear taillights and light cluster shall be housed in steel enclosures. _____

14.6 License plate lamp – Truck-Lite P/N 15040, complete with license plate bracket. _____

14.7 Harness – Truck-Lite 50 Series harness system, properly routed and secured. _____

14.7.1 All harnesses shall be internally grounded, no exceptions. _____

14.8 Junction box – P/N 50400, complete with necessary compression fittings, required for all vehicle lighting harness connections, located inside of trailer frame. _____

14.9 All plug-in connectors shall be coated with Truck-Lite NYK compound prior to assembly. _____

14.10 Trailer plug – six-pole, Cole Hersee 1254 or equal c/w cable protector, wired according to code. _____

14.11 Warning beacon – Preco 4261A, top mounted, wired in a fused circuit. _____

14.12 All wiring for trailer connector and accessories shall be colour coded, loomed and properly secured. _____

14.13 All electrical connectors shall be crimped and soldered, then sealed using heat shrink tubing. _____

14.14 All joining of wires shall be soldered and sealed using heat shrink tubing or approved OEM weathertight connections (crimp on electrical connectors for joining wires are not acceptable). _____

14.15 Any holes required to run wires through shall be drilled (not punched), grommeted and sealed as required.

15.0 WARRANTY

15.1 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 **two (2) years** from the date the equipment is put into service by the City of Winnipeg.

16.0 MANUALS

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

16.2 Operator's manual – quantity as per Form B: Prices.

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

17.0 DELIVERY

17.1 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 **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. Equipment shall be delivered within 8:00am and 3:00pm on Business Days.

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

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

18.0 TRAINING

18.1 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.

- 18.2 Mechanical training – the Contractor shall be required to provide **one (1) Business Day** 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 sessions 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.
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