

PART A
BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title SUPPLY & INSTALLATION OF AN ASPHALT GRINDER

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 & INSTALLATION OF AN ASPHALT GRINDER

| ITEM NO. | DESCRIPTION | SPEC. REF. | UNIT | APPROX QTY | UNIT PRICE | AMOUNT |
|---|-----------------|------------|------|------------|------------|----------|
| 1 | Asphalt Grinder | 07027 | Each | 1 | \$ _____ | \$ _____ |
| TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____ | | | | | | |
| (in words) _____ | | | | | | |
| _____ | | | | | | |

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 07027

ASPHALT GRINDER (Centralized Services)

1.0 SCOPE

- 1.1 These specifications describe the supply and installation of a minimum 540 gross hp, grader mounted asphalt grinder to be installed by the supplier on a City owned motor grader. See 19.0 Installation for grader description.
- 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.

3.0 QUALIFICATIONS OF MANUFACTURER / CONTRACTOR

- 3.1 The manufacturer of the asphalt grinder shall have demonstrated experience manufacturing equipment of the type being offered.
- 3.2 The Contractor shall be a manufacturer or authorized distributor/supplier of asphalt grinding 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 grinders, 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 grinder shall be capable of consistent top performance for milling or planning a minimum of 3 in. of asphalt at a minimum rate of 25 feet per minute at a continuous rate in a single pass 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 asphalt grinder being bid.**_____

7.0 SPECIFICATIONS

7.1 Cutting drum – 40 in. tip diameter, 6' 6" width minimum, state dimensions. _____

7.2 Drives – two (2) heavy-duty planetary drives, O & K F100 or equal. _____

7.3 Depth of cut – variable depth cutting, 1-4 in. grinding, cutting up to 8 in. in a single pass. _____

7.3.1 Depth control – hydraulically controlled depth control shoes, operable from inside of cab. _____

7.4 Drum housing – heavy-duty ½ in. Grade 50 steel. _____

7.4.1 Wear protection – abrasive resistant plates inside drum housing. _____

7.5 Wear bars – replaceable. _____

7.6 Rock bits – 140 minimum, 7/8 in. diameter shank, carbide tipped. _____

7.7 Motor mount plates – self-aligning to prevent shaft wear on motors. _____

7.8 Engine – industrial diesel engine, 540 hp gross minimum including radiator, steel enclosure, mounting skid, air cleaner, muffler, battery and cables, fuel tank and hydraulic tank, CAT C15 or equal, mounted at rear of grader. _____

7.8.1 State make and model being bid. _____

7.8.2 Starter switch – ignition style c/w three (3) sets of keys. _____

7.8.3 Hydraulic pumps – two (2) Rexroth 180cc. _____

7.8.4 Radiator – heavy-duty Mesabi radiator with attached charge air cooler and oil cooler. _____

7.8.5 Fuel tank – 375 L capacity minimum, fully fuelled upon delivery.

8.0 INSTALLATION

8.1 The asphalt cutter shall be installed on the following City of Winnipeg grader:

2006 Volvo G976

- Volvo D9B engine
- 225-265 hp, variable
- 40,500 lbs.
- Inching/creep feature for planing
- 257 in. Wheelbase
- 21,500 lbs. blade down pressure
- AWD

8.2 The asphalt grinder shall be installed by the Contractor on the City owned Volvo grader at the WFMA, Repair Facility 7 at 215 Tecumseh St. Winnipeg MB on or before the delivery date stated in 9.1 below.

Note: The City of Winnipeg will ensure that the grader mouldboard is removed prior to the supply & installation of the asphalt grinder. In addition, City of Winnipeg will assist in the grinder installation at no cost to the Contractor for up to (and including) seven (7) Working Days.

9.0 MANUALS

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

9.2 Operator's manual – two (2) required.

9.3 Parts, repair and technical service manuals including preventative maintenance schedules for life of the unit – two (2) required, CDs preferred.

10.0 DELIVERY

10.1 Delivery – the unit shall be serviced, ready for operation, fully fuelled, delivered F.O.B. with the freight prepaid, and installed at the Winnipeg Fleet Management Agency Repair Facility 7, 215 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 and installed within 8:00 am and 3:00 pm on Business Days.

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

11.0 PERFORMANCE RELIABILITY

11.1 The responsibility for the design of the complete asphalt grinder, its performance and reliability shall rest upon the Contractor.

11.2 The term “*repeated failures*” as used herein is defined to mean that the same component, assembly, or sub-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, assembly, or sub-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.

11.3 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.

12.0 WARRANTY

12.1 The warranty on the complete asphalt grinder and accessories shall include 100% replacement parts and labour at no cost to the City and shall cover the complete equipment and all parts thereof against defects of workmanship, construction and materials for **one (1) year or 1000 hrs** from the date the equipment is put into service by the City of Winnipeg.

Note: See Part D Supplemental Conditions for additional Warranties.

12.2 A new one (1) year warranty period shall be provided for any article that is repaired or replaced under the terms of the “repeated failures” clause (Section 11.0 Performance Reliability). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.

13.0 TRAINING

13.1 Operator training – the Contractor shall be required to provide **two (2) Business Days** 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.

13.2 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 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.
