

**PART A**

**BID SUBMISSION**

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

1. Project Title SUPPLY & DELIVERY OF A 135 HP, 4WD, 4-WHEEL STEERING, MULTIPURPOSE TRACTOR

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

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 135 HP, 4WD, 4-WHEEL STEERING, MULTIPURPOSE TRACTOR**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1	135 hp, 4WD, 4-Wheel Steering, Multipurpose Tractor	05006	Each	1	\$ _____	\$ _____
<p>TOTAL BID PRICE (GST and PST extra) (in figures) \$ _____</p> <p>(in words) _____</p> <p>_____</p>						

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

## FORM N: DETAILED SPECIFICATIONS 05006

### 135 HP, 4WD, 4 WHEEL STEERING, MULTIPURPOSE TRACTOR (Street Maintenance)

#### 1.0 SCOPE

- 1.1 These specifications describe the supply and delivery of a 135 horsepower, 4-wheel drive, 4-wheel steering, multipurpose tractor for use with winter snow removal and summer construction operations.

#### 2.0 ELIGIBLE MODEL

- 2.1 Eligible Model: **JCB Fastrac 2140**

- 2.2 State make and model of tractor being bid: \_\_\_\_\_

#### 3.0 OTHER SPECIFICATIONS AND STANDARDS

- 3.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 3.2 The completed unit and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements.

#### 4.0 SERVICE FACILITY

- 4.1 For the purpose of warranty repairs, the Bidder 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 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.
- 4.2 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 2005: \$68.00/hour).

#### 5.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS

- 5.1 All items in these specifications must be answered indicating compliance or non-compliance. **Bidders shall state "yes" for compliance or state deviation**, or give reply where requested to do so. Deviations shall be clearly stated and fully detailed. Alternatives will be considered subject to evaluation.
- 5.2 Each bidder is required to fill in every blank. **Failure to do so may be used as a basis for rejection of bid.**

#### 6.0 GENERAL SPECIFICATIONS

- 6.1 The following specifications are a list of minimum requirements for specific components of the multipurpose tractor and are not to be construed as to describe the complete machine. The Contractor shall ensure that the machine is equipped with any components, not specifically

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- mentioned in these specifications, that are required to make the tractor complete and fully operational for its intended purpose.
- 6.2 The multipurpose tractor shall be equipped with all components, features and accessories normally provided as standard for the model supplied.
- 6.3 STATE MAKE AND MODEL BEING BID: \_\_\_\_\_
- 6.4 Operating weight (SAE) – 14,000 lbs. nominal, state. \_\_\_\_\_
- 6.5 Engine – four cycle, diesel fuelled, liquid cooled. \_\_\_\_\_
- 6.5.1 Flywheel horsepower, as per SAE J1349 B – 135 hp minimum, state. \_\_\_\_\_
- 6.5.2 Air intake pre-cleaner – required. \_\_\_\_\_
- 6.5.3 Engine block heater – required. \_\_\_\_\_
- 6.5.4 Battery – 815 CCA capacity minimum. \_\_\_\_\_
- 6.5.5 Alternator – 150 Amp minimum. \_\_\_\_\_
- 6.6 Transmission – synchromesh gearbox in all ranges with Autos Shuttle features, 54 forward, 18 reverse gears. \_\_\_\_\_
- 6.6.1 Travel speed – 50 kph minimum. \_\_\_\_\_
- 6.7 4-wheel drive – required. \_\_\_\_\_
- 6.8 Wheels and tires – four (4) equal sized wheels and tires, Michelin 540/65R30. \_\_\_\_\_
- 6.8.1 Spare wheel and tire – required, one (1) per tractor, same as front and rear wheels and tires. \_\_\_\_\_
- 6.9 Steering – Quadtronic 4-wheel steering including two wheel steering plus four selectable modes of four wheel steering including crab steer mode. \_\_\_\_\_
- 6.10 PTO – rear mount, 130 hp minimum, independent, 540 rpm with shielded output shaft. \_\_\_\_\_
- 6.11 Front quick coupler – capable of accepting City owned Tenco 1-way plows with a Low Mount Hitch. \_\_\_\_\_
- 6.12 Rear drawbar – required, 12,000 lbs. capacity minimum. \_\_\_\_\_
- 6.13 Rear deck weight – required with additional weight set, 3600 lbs. minimum. \_\_\_\_\_
- 6.14 Operator compartment – shall have a roll over protective structure (ROPS) complete with pressurized cab, OSHA certified or equal. \_\_\_\_\_
- 6.15 Noise level at operator station under normal operation, measured as per SAE J919 – 85 dB(A) maximum, state. \_\_\_\_\_
- 6.16 Driver's seat – adjustable bucket type with air suspension, cushioned seat and back with seat belt. \_\_\_\_\_

- 6.16.1 Passenger seat – bucket type, fixed with seat belt. \_\_\_\_\_
- 6.17 Air conditioning – required, factory installed. \_\_\_\_\_
- 6.18 Heater – high output. \_\_\_\_\_
- 6.19 Front and rear windshield wiper/washer. \_\_\_\_\_
- 6.20 Sunvisor(s) – required. \_\_\_\_\_
- 6.21 Tilt steering – required. \_\_\_\_\_
- 6.22 AM/FM radio – required. \_\_\_\_\_
- 6.23 Ignition keys – three (3) sets required. \_\_\_\_\_
- 6.24 Exterior rear view mirrors – one (1) each side, full rear view. \_\_\_\_\_
- 6.25 Gauges – speedometer, hourmeter, fuel, tachometer, air pressure. \_\_\_\_\_
- 6.25.1 Warning lights – transmission oil pressure, engine oil pressure, air pressure, high water temperature, air restriction indicator. \_\_\_\_\_
- 6.25.2 Warning lights and audible alarm – engine oil pressure and high water temperature. \_\_\_\_\_
- 6.26 Fuel tank – 200 Litres minimum, fully fuelled upon delivery. \_\_\_\_\_
- 6.27 Lighting system – shall meet the requirements of the Manitoba Highway Traffic Act including, but not limited to, headlights, stop, turn and tail lights, etc.. \_\_\_\_\_
- 6.28 Cab interior light – required. \_\_\_\_\_
- 6.29 Work lights – full road lighting required, front and rear. \_\_\_\_\_
- 6.30 Mini light bars – two (2) required, roof mounted, Grote 76813. \_\_\_\_\_
- 6.30.1 Strobe lights – two (2) amber, oval LED lights, Grote 77363 with Grote 92420 rubber grommets, mounted in two (2) Grote P/N 43100 steel, closed back mounting brackets, one (1) per side. Exact location to be determined at time of installation. \_\_\_\_\_
- 6.30.2 Light bars and strobe lights shall be wired through ignition c/w single, dash mounted on/off switch, labelled with a permanent type, engraved style label. \_\_\_\_\_
- 6.31 Plow lights – Grote Cushion Mount Snow Plow system, consisting of right and left headlight assemblies (part #64261-4), mounted at or near cab roof line. \_\_\_\_\_
- 6.31.1 Plow lights shall have a separate in-cab switch, wired through ignition, labelled with a permanent type, engraved style label. \_\_\_\_\_
- 6.32 Horn – required. \_\_\_\_\_

6.33 Back-up alarm – STAR 62-097 or factory installed. \_\_\_\_\_

## **7.0 PARTS REPAIR AND SERVICE MANUALS**

7.1 The following manuals shall be supplied with the unit when delivered. The manuals shall be in English and shall cover the complete machine including the engine:

7.1.1 Operator's manual – one (1) per unit. \_\_\_\_\_

7.1.2 Parts, repair and service manuals, including preventative maintenance schedules for the life of unit – one (1) per unit, CD preferred. State type. \_\_\_\_\_

## **8.0 TRAINING**

8.1 The Contractor shall provide operational and maintenance training by qualified staff for City of Winnipeg operating and mechanical personnel. The training shall be conducted in separate sessions for each group of personnel. Each session shall be approximately ½ day in duration and shall provide adequate familiarization and orientation on the unit, to the satisfaction of the Contract Administrator. The training shall be conducted in Winnipeg at a location designated by the Contract Administrator. \_\_\_\_\_

## **9.0 PERFORMANCE RELIABILITY**

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

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

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. \_\_\_\_\_

## **10.0 WARRANTY**

10.1 The Contractor shall warrant the **entire tractor**, and all parts and labour thereof (excluding tires and lights), 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 placed into service by the City of Winnipeg. \_\_\_\_\_

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- 10.3 For the tractor, a new two (2) year warranty period shall be provided for any component, subassembly or assembly that is repaired or replaced under the terms of the "repeated failures" clause (Section 9.2 and 9.3). The new warranty period shall be effective from the date of acceptance of the repaired or replaced article.
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- 10.4 In the event of failure on the part of the Contractor to repair or replace any article during the warranty period within five (5) calendar days from the date of notification, the City may have the work performed by others and offset the cost against money due or that may become due to the Contractor, or if there is no money due, the Contractor agrees to pay the City such cost.
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- 10.5 In the event that the unit is down for warranty repairs for a period of five (5) calendar days or more, the Contractor shall supply a replacement machine comparable to the machine being bid at no additional cost to the City until the warranty repairs are completed.
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**FORM O: QUESTIONNAIRE**

1.0 **STATE** the delivery time of the complete order from the date of official notification of award: (See D5.1)

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2.0 **LIST** any significant features that will be supplied standard on the unit being offered, but were not specifically mentioned in the Detailed Specifications:

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3.0 **LIST** three current users of the offered model:

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4.0 **STATE** the location of the service facility:

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5.0 Does the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?

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6.0 **LIST** any deviations that might be considered less than equal to the Detailed Specifications:

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