

PART A

BID SUBMISSION

FORM A: BID
(See B7)

1. Project Title **191 - 2004**

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 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.

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 AND DELIVERY OF 80 PTO H.P. AGRICULTURAL TRACTORS AND ATTACHMENTS

UNIT PRICES

NOTE: Bidders are required to bid on all items.

This contract will be awarded as a whole as per Clauses B13.1(c) and B13.5

ITEM	DESCRIPTION	SPEC. REF.	UNIT	UNIT PRICE	QUAN	AMOUNT
1	AGRICULTURAL TRACTOR 80 PTO HP	04 - 018	ea	\$ _____	2	\$ _____
2	FRONT END LOADER for ITEM 1 -- OEM	04 - 018	ea	\$ _____	1	\$ _____
3	REAR MOUNTED SNOWBLOWER for ITEM 1	04 - 018	ea	\$ _____	1	\$ _____
<p>TOTAL BID PRICE (in figures) (GST and PST will be extra) \$ _____</p> <p>(in words) _____</p> <p>_____</p>						

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS
SUPPLY AND DELIVERY OF 80 PTO H.P. AGRICULTURAL TRACTORS AND ATTACHMENTS
DETAILED SPECIFICATIONS 04 - 018

1.0 ELIGIBLE MODELS

1.1 Shall be one of the following eligible models:

John Deere 6320	Case MXU 100	Challenger MT 525 B or MT 535
Massey Ferguson 6465	New Holland TS 100A	

1.2 In addition to qualification as an eligible model, bids must be responsive under the specification section of this contract.

2.0 SCOPE

2.1 These specifications describe the supply and delivery of a minimum 80 PTO H.P., rubber tired, agricultural tractor with equipment and features as specified herein.

2.2 The tractor and all other items/components shall be the manufacturer's latest models. The tractor shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the tractor (including attachments) in successful operation shall be furnished as though specifically mentioned in these specifications. The complete tractor and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.

3.0 OTHER SPECIFICATIONS AND STANDARD

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 tractor and all its components shall comply with all C.M.V.S.S. and Manitoba Highway Traffic Act regulations and requirements.

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 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.**

ITEM 1 - TRACTOR

5.0 **State make and model being bid.** _____

6.0 PERFORMANCE

6.1 Shall be capable of consistent top performance for ground and boulevard maintenance work during the spring, summer and autumn environments normal to the City of Winnipeg _____

7.0 DIMENSIONS + WEIGHTS (As Bid)

7.1 OPERATING WEIGHT (SAE) - WITH CAB –

But not including the following:

Wheel weights, counter weight box, calcium in tires, attachments

Minimum. 10,000 lbs. (4,536 kg) - State operating weight _____

7.2 Overall width across rear tires - state. _____

7.3 Wheelbase - state. _____

8.0 ENGINE

8.1 Type - diesel fuelled, liquid cooled. _____

8.2 Net horsepower at **PTO - 80 hp (60 kW) min.**, state. _____

8.3 Emergency automatic shut down

8.3.1 Low oil pressure _____

8.3.2 High water temperature _____

8.4 Fuel shut-off - electric solenoid type. _____

8.5 Fuel filter and water separator. _____

8.6 Oil filter - full flow, spin-on type. _____

8.7 Air cleaner - dry cartridge type with restriction indicator. _____

8.8 Throttle - hand operated with foot override. _____

8.9 Exhaust - mufflered, vertical discharge with bend and 40° cut-off (rain cap unacceptable). _____

8.10 Coolant - ethylene glycol based, protected to -35°C. _____

8.11 Engine coolant heater (block heater) - immersion type. _____

9.0 TRANSMISSION + PTO

9.1 TRANSMISSION – POWER SHIFT (AUTOMATIC)

The transmission shall have the following shifting attributes:

9.1.1 Different ranges for the forward gears
(Four(4) , Three(3) or Two(2) ranges acceptable) State number of ranges _____

9.1. 1. a) An electronic shift to shift to individual gears
within each of the forward ranges. _____

9.1.2 Different ranges for the reverse gears
(Four(4) , Three(3) or Two(2) ranges acceptable) State number of ranges _____

9.1. 2. a) An electronic shift to shift to individual gears
within each of the reverse ranges. _____

9.2 TRANSMISSION SPEEDS

9.2.1 FORWARD - 16 minimum

Note - Bids will be accepted on transmissions that have more than sixteen forward speeds. (excluding creep speeds)
Creep speeds are not a requirement and shall not form a part of the sixteen(16) speeds requested.

Tractors with creep speeds will be accepted only if they meet the minimum number of forward speeds (excluding creep speeds).

State number of **forward** speeds (not including creep speeds). _____

9.2.2 REVERSE - 16 minimum

Note - Bids will be accepted on transmissions that have more than sixteen reverse speeds. (excluding creep speeds)
Creep speeds are not a requirement and shall not form a part of the sixteen(16) speeds requested.

Tractors with creep speeds will be accepted only if they meet the minimum number of reverse speeds (excluding creep speeds).

State number of **reverse** speeds (not including creep speeds). _____

9.3 CLUTCH

9.3.1 Multiple disk – wet clutch _____

9.3.2 F N R (forward, neutral, reverse) , power shuttle _____

9.4 PTO

9.4.1 Rear mounted, independent with shielded output shaft. _____

9.4.2 Dual Capacity - Independent - 540 rpm and 1000 rpm _____

10.0 FOUR - WHEEL DRIVE

10.1 Front axle - mechanical driven type (4WD), with on/off electronic shift.
Shift switch shall be actuated from driver's position. _____

11.0 AXLES + BRAKES

11.1 Front axle - industrial or agricultural, state type. _____

11.2 Rear axle differential lock with – electro hydraulic engagement _____

11.3 Brakes - wet disk type with individual pedals for simultaneous or independent operation _____

11.3.1 Parking brake – foot or hand or transmission operated. _____

12.0 TIRES + RIMS + WHEEL WEIGHTS + FRONT FENDERS

12.1 FRONT - 14.9 x R 24– Radial - with matching steel disk rims. _____

12.1.1 Ply rating - 6-ply minimum. _____

12.1.2 Tread – R1 – Lug design _____

12.2 REAR – 18.4 x R 34 – Radial – with matching steel disk rims. _____

12.2.1 Ply rating - 6-ply minimum. _____

12.2.2 Tread – R1 – Lug design _____

12.3 SPARE TIRE and RIM - one (1) front and one (1) rear, identical to tires and rims being bid. _____

12.4 WHEEL WEIGHTS – Rear wheel weights required – Minimum 750 LBS – State _____

12.5 FRONT FENDERS – Required _____

13.0 HITCH + COUPLER

13.1 Hitch - rear mounted, 3-point Category 1 / 2. _____

13.1.1 Hydraulically controlled raise, lower and float. _____

13.1.2 Adjustable stabilizer linkage - required to positively secure rear mounted attachments (check chains not acceptable). _____

13.2 Drawbar - state type. _____

13.3 Shall have quick attach /detach rear coupler, that can be enabled without the use of tools _____

14.0 HYDRAULIC SYSTEM

14.1 Hydraulic pump capacity - state maximum output. _____

14.2 Rear – Auxiliary control valve - three (3) spool, double acting, factory installed. _____

14.2.1 Controls located for convenient operation from operator station. _____

14.2.2 Quick couplers - Pioneer c/w dust caps with chains, located at rear of tractor. _____

15.0 ELECTRICAL + LIGHTING

- 15.1 Type - 12-Volt, negative ground electrical system. _____
- 15.2 Starter - electric. _____
- 15.3 Starter switch - keyed. _____
- 15.4 Battery - minimum 650 CCA. _____
- 15.5 Alternator - state output. _____
- 15.6 Combination stop and tail lights - two (2) required. _____
- 15.7 Signal lights with warning flashers - two (2), cab mounted.
Note: Warning flashers shall be operable without key in ignition. _____
- 15.8 Headlights - two (2). _____
- 15.9 Rear work lights - two (2), adjustable, on an independent, dash mounted switch, wired through ignition circuit. _____
- 15.10 Horn - required. _____
- 15.11 Warning beacon - Preco model 3614AD, canopy mounted with ramped, bolt-on metal guard and dash mounted switch wired through ignition circuit. _____
- 15.12 Back-up alarm - Preco model 240, mounted at rear of unit, located to be protected from damage. _____
- 15.13 Wiring for all locally installed equipment shall be colour coded, loomed and properly secured. _____
 - 15.13.1 All joining of wires and all electrical connectors shall be soldered and sealed with heat shrink tubing. _____
- 16.0 FACTORY CAB**
- 16.1 Type - factory cab with roll over protective structure, OSHA certified or equal. _____
- 16.2 Insulation - required for sound suppression _____
- 16.3 Cab suspension system (suspended cab with shock absorption) _____
- 16.4 SEATS.
- 16.4.1 Main Operator Seat
 - 16.4. 1. a) Must be OEM _____
 - 16.4. 1. b) Cushioned seat and back, adjustable bucket type _____
 - 16.4. 1. c) Cloth or cloth w/vinyl trim – State material type _____
 - 16.4. 1. d) Air suspension and seat belt. _____
- 16.4.2 Instructor Seat

- 16.4. 2. a) Must be OEM
- 16.4. 2. b) Cushioned seat and back, adjustable bucket type
- 16.4. 2. c) Cloth or cloth w/vinyl trim or vinyl – State material type
- 16.4. 2. d) Seat belt.

16.5 Windows - tinted safety glass with appropriate markings for all panes.

16.5.1 All windows shall be opening type where available.

16.6 Doors(s) - lockable with common key.

16.7 Interior rear view mirror.

16.8 Windshield wipers - 2-speed, front and rear.

16.8.1 Windshield washer - front mounted.

16.8.2 Windshield washer - rear mounted.

16.9 Heater/defroster - heavy duty, hot water type with 2-speed fan.

16.9.1 Heater capacity - approx. 35,000 BTU.

16.9.2 Defroster - capable of keeping all windows clear.

16.10 Air conditioning - required, state type.

16.11 Rubber floor covering - required throughout.

16.12 Steps - open grate type.

16.13 AM / FM Radio

17.0 OPERATOR COMPARTMENT

17.1 Type - roll over protective structure complete with canopy, OSHA certified or equal.

17.2 Steps - open grate type.

17.3 Toolbox - lockable.

17.4 Instrumentation:

17.4.1 Coolant temperature gauge.

17.4.2 Oil pressure gauge or warning light.

17.4.3 Ammeter/voltmeter or warning light.

17.4.4 Hourmeter.

17.4.5 Tachometer. _____

17.4.6 Fuel gauge. _____

17.5 Noise level at operator station - 90 dB(A) maximum, state noise level. _____

18.0 COLOUR

18.1 Manufacturer's standard colour, state. _____

19.0 SLOW MOVING VEHICLE SIGN

19.1 Triangular in shape with cut ends _____

19.2 Size - 18 INCHES X 18 INCHES X 18 INCHES _____

19.3 Color - reflective red border on perimeter of sign, with orange center _____

19.4 Material - galvanized steel _____

19.5 Mounting - _____

19.5.1 To be mounted on the rear end of the equipment at an elevated ,
highly visible location, so as not to obstruct the view of the operator _____

19.5.2 Location to be determined by Contract Administrator _____

ITEM 2 – Front End Loader

20.0 State make and model being bid. _____

20.1 Shall be the manufacturer's OEM product _____

20.2 Bucket shall have a nominal width, that shall slightly exceed the overall width the
tractor measured across the rear tires.
State width. _____

20.3 Shall have a capacity that is rated for use with the tractor specified in item 1 _____

20.4 Manufacturer's standard colour, matching the tractor colour – State. _____

20.5 Shall have a reversible double wear edge on bucket. _____

ITEM 3 - Rear Mounted Snow Blower

21.0 State make and model being bid. _____

21.1 Manufacturer's OEM product OR After market product, acceptable – State _____

21.2 Shall have a capacity that is rated for use with the tractor specified in item 1 _____

21.3 Shall be rear mounted _____

21.4 Snowblower shall have a nominal width, of 84 INCHES. State width. _____

21.5 Shall be a two stage _____

21.6 Single auger or double auger – State number of augers _____

21.7 Hydraulically driven rotator chute _____

22.0 SERVICE FACILITY

22.1 The contractor must have a service facility to provide all warranty and repair work, that is within ten(10) kilometres of the City of Winnipeg boundaries _____

23.0 PARTS AVAILABILITY

23.1 The Contractor's Winnipeg dealer/representative or service facility shall stock parts required for regular servicing, as outlined in the manufacturers service and maintenance manual. _____

23.2 The Contractor's Winnipeg dealer/representative or service facility, shall make available all replacement part(s) to the City within a seventy two (72) hour period. _____

23.3 In the event that the Contractor cannot provide delivery of the tractor part(s) within the stated period above, (Clause 23.2), the Contractor will supply a tractor of equal or or greater operational capability, until such time as the part(s) are delivered, at no cost to the City. _____

24.0 WARRANTY

24.1 The warranty requirements shall be a minimum of two (2) years or 2000 hours, parts and labour inclusive, "bumper to bumper" on the complete **80 PTO H.P. AGRICULTURAL TRACTORS** and attachments. _____

24.2 The Contractor shall warrant the **tractor**, 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. _____

24.3 The Contractor shall warrant **all attachments**, 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 **one (1) year** from the date the equipment is put into service by the City of Winnipeg. _____

24.4 The Contractor's Winnipeg dealer/representative or service facility, shall make available all replacement parts and provide full maintenance or repair and return delivery to the City on any tractor within seven(7) business days. _____

24.5 In the event that the Contractor cannot provide delivery on the repaired tractor within the stated period above (Clause 24.4) , the Contractor will supply a tractor of equal or greater operational capability, until such time as the repaired tractor is returned, at no cost to the City. _____

25.0 MANUALS

25.1 The following manuals shall be supplied with the unit when delivered.

Payment for equipment to the contractor shall be dependent upon receipt of the manuals. The manuals shall be in English and shall cover the complete machine including the engine.

25.1.1 Operator's manual - one (1) per unit.

25.1.2 Parts and service manuals - one (1) per unit.
including preventative maintenance schedules for life of unit

26.0 TRAINING

26.1 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 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 in Winnipeg at a time and location designated by the Contract Administrator.

Note: Pricing should be based on one (1) working days for maintenance personnel and one (1) working days for operating personnel. 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.

27.0 DELIVERY

27.1 Delivery to the City of Winnipeg shall be within **60 days**, from the date of the award of contract.

27.2 In the event that delivery will exceed 60 days delivery time referenced in Clause 27.1; the City may accept a loaner vehicle supplied at no cost to the City, with capabilities that equal to or greater to than those referenced in these specifications, until such time as the new equipment is delivered.

FORM O: QUESTIONNAIRE
SUPPLY AND DELIVERY OF 80 PTO H.P. AGRICULTURAL TRACTORS AND ATTACHMENTS

1.0 STATE the delivery of the complete order from the date of notification of award of contract:

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:

3.0 LIST three current users of the offered type of equipment:

4.0 STATE the location of the service facility that is located within ten(10) km of the boundaries of the City of Winnipeg.

5.0 STATE the location and percentage of parts stocked in Winnipeg:

5.1 **STATE** the delivery time for parts not stocked Winnipeg: _____

6.0 DOES the equipment being offered meet or exceed the minimum requirements of the Detailed Specifications?

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