

PART A

BID SUBMISSION

FORM A: BID

(See B7)

1. Project Title SUPPLY & DELIVERY OF INDUSTRIAL TRACTOR LOADERS AND BACKHOES

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 D3.1 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 and DELIVERY of INDUSTRIAL TRACTOR LOADERS and BACKHOES

PLEASE NOTE: This contract will be awarded by section

Bidders may bid on **Section A , Section B or both sections** in this table (Form B: Prices).

UNIT PRICES When entering prices into the table below, **prices shall include** Tire tax

When entering prices into the table below, **do not include** Federal and Provincial Taxes (Goods and Services Tax (GST) and Manitoba Retail Sales Tax (PST)). These taxes shall be extra See Clause B8.1

SECTION A — Item(s) – 1 and 2

I T E M	DESCRIPTION	SPEC. REF.	UNIT PRICE (enter a price for a quantity of one (1) only)	Q T Y	EXTENDED AMOUNT (Unit Price X Quantity)
1A	80 HP, 4WD Industrial Tractor Loader with <u>no backhoe mechanism</u> and <u>no loader bucket</u>	06 – 017	\$ _____	2	\$ _____
1B	Loader Bucket – General Purpose	06 – 017	\$ _____	2	\$ _____
1C	Loader Bucket – 4 in 1, (Clam Type)	06 – 017	\$ _____	2	\$ _____
1D	Loader Bucket – for Snow – 2 YD ³	06 – 017	\$ _____	2	\$ _____
1E	Set of Pallet Forks	06 – 017	\$ _____	2	\$ _____
1F	3 Point Hitch for box scraper	06 – 017	\$ _____	2	\$ _____
1G	Rear Counter balance weight — 600 lb	06 – 017	\$ _____	2	\$ _____
1H	Box Scraper	06 – 017	\$ _____	2	\$ _____
1I	Parts Repair and Technical Service Manuals or Cd Rom, for Item 1 A – and all attachments (Items 1B ,1C , 1D , 1E , 1F , 1G and 1G)	06 – 017	\$ _____	1	\$ _____

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SECTION A cont'd— Item(s) – 1 and 2					
I T E M	DESCRIPTION	SPEC. REF.	UNIT PRICE (enter a price for a quantity of one (1) only)	Q T Y	EXTENDED AMOUNT (Unit Price X Quantity)
2A	80 HP, 4WD Industrial Tractor Loader with <u>no backhoe mechanism</u> and <u>no loader bucket</u>	06 – 017	\$ _____	2	\$ _____
2B	Rear Counter balance weight — 3,000 lb	06 – 017	\$ _____	2	\$ _____
2C	Loader Bucket – 4 in 1, (Clam Type)	06 – 017	\$ _____	2	\$ _____
2D	Loader bucket – for Snow – 2 YD ³	06 – 017	\$ _____	2	\$ _____
2E	Parts, Repair and Technical Service Manuals or Cd Rom, for Item 2 A – and all attachments (Items 2B , 2C and 2D)	06 – 017	\$ _____	1	\$ _____
SECTION A – TOTAL BID PRICE (in figures)				\$ _____	
(in WORDS) – _____ _____					

Form B: Prices (see B8)

SUPPLY and DELIVERY of INDUSTRIAL TRACTOR LOADERS and BACKHOES

PLEASE NOTE: This contract will be awarded by section

Bidders may bid on Section A , Section B or both sections in this table (Form B: Prices).

UNIT PRICES When entering prices into the table below, prices shall include Tire tax

When entering prices into the table below, do not include
 Federal and Provincial Taxes (Goods and Services Tax (GST) and Manitoba Retail Sales
 Tax (PST)). These taxes shall be extra See Clause B8.1

SECTION B — Item — 3

I T E M	DESCRIPTION	SPEC. REF.	UNIT PRICE (enter a price for a quantity of one (1) only)	Q T Y	EXTENDED AMOUNT (Unit Price X Quantity)
3A	92 HP, 4WD Industrial Tractor Loader with crab steer and backhoe mechanism <u>no backhoe bucket</u> and <u>no loader bucket</u>	06 – 018	\$ _____	1	\$ _____
3B	Loader Bucket – General Purpose	06 – 018	\$ _____	1	\$ _____
3C	Loader bucket – for Snow – 3 YD ³	06 – 018	\$ _____	1	\$ _____
3D	Set of Pallet Forks	06 – 018	\$ _____	1	\$ _____
3E	Ripper tooth – for backhoe	06 – 018	\$ _____	1	\$ _____
3F	Backhoe bucket – 18 inches wide	06 – 018	\$ _____	1	\$ _____
3G	Backhoe bucket – 24 inches wide	06 – 018	\$ _____	1	\$ _____
3H	Backhoe bucket – 30 inches wide	06 – 018	\$ _____	1	\$ _____
3I	Backhoe bucket – Ditching – 60 inches wide	06 – 018	\$ _____	1	\$ _____
3J	Parts, Repair and Technical Service Manuals or Cd Rom, for Item 3 A – and all attachments (Items 3B , 3C , 3D , 3E , 3F , 3G , 3H , 3I)	06 – 018	\$ _____	1	\$ _____

SECTION B — TOTAL BID PRICE (in figures)

\$ _____

(in WORDS) –

FORM N: — SECTION A — ITEMS 1 + 2 — DETAILED SPECIFICATIONS 06 ~ 017

80 H.P., 4WD INDUSTRIAL TRACTOR LOADER

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE

- 1.1 These specifications describe the supply and delivery of a minimum **80 HP (60 kW), Rubber Tired, Four Wheel Drive Industrial Tractor Loader** with equipment and features as specified herein.
- 1.2 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.
- 1.3 Shall be capable of consistent top performance for boulevard, walkway and parkland maintenance, snow removal work and other miscellaneous functions during the summer and winter environment which is normal to the City of Winnipeg.

2.0 ELIGIBLE MODELS

- 2.1 Shall be one of the following eligible manufacturer's models:

Case 570 – M XT Turbo

New Holland U80 Turbo

JCB 214e – LL

- 2.2 The City will only accept equipment from the eligible manufactures outlined in Clause 2.1. In the event that the manufacturers cannot provide the exact models listed, the City may consider newer or upgraded models which have performance characteristics that equal or exceed the eligible models listed and meet the required specifications in this document.
- 2.3 In addition to qualification as an eligible model, bids must be responsive under the specification section of this contract.
- 2.4 State make and model of 80 HP Industrial Tractor Loader 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 tractor 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 2004: \$65.00/hour).

4.3 **Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in one of the Clauses listed below. ——— 4.3.1 OR 4.3.2

4.3.1 Bidder's own facility location. State the location of the service facility below.

4.3.2 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

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 Bidders are not required to bid on all items in this contract.

5.3 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 DIMENSIONS & WEIGHTS (As Bid)

6.1 Operating weight (SAE) without attachments, approx. 10,300 lbs.(4,670 kg). State weight.

6.2 Overall width, less front bucket — state.

6.3 Overall height (to top of cab) — state.

6.4 Overall length — state.

6.5 Wheelbase — state.

6.6 Turning radius — state curb clearance with brakes applied.

7.0 ENGINE

7.1 Type — diesel fuelled, liquid cooled.

7.2 Net horsepower as per SAE J1349 B — 80 HP (60 kW) minimum. State minimum net horsepower.

7.3 Fuel shut—off — electric solenoid type.

7.4 Fuel filter and water separator — required.

7.5 Oil filter — full flow, spin-on type.

7.6 Air cleaner — dry cartridge type with restriction indicator. Indicator to be mounted inside of cab

7.7 Throttle — hand operated with foot override **or** foot throttle.

7.8 Exhaust — mufflered, vertical discharge with bend and 40° cut—off (rain cap unacceptable).

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7.9 Coolant — ethylene glycol based, protected to -35°F (-37°C).

7.10 Engine block heater — immersion type.

7.11 Chaf screen — required.

7.12 Cold weather starting aid — ether not acceptable. State type.

7.13 Engine protection system — shall provide visual and audible warning of principal machine systems including engine oil pressure and coolant temperature.

8.0 TRANSMISSION

8.1 Type — four(4) speed power shuttle with torque converter

8.2 Shifting — fully synchronized.

8.2.1 Speeds, forward — four (4) minimum.

8.2.2 Speeds, reverse — four (4) minimum.

8.3 Powershift direction reverser.

9.0 AXLES & BRAKES & STEERING

9.1 Front axle— driven type four wheel drive (4WD), with guarded drive shaft.

9.2 Brakes

9.2.1 Four(4) wheel, hydraulically operated, wet disk type.

9.2.2 Brake pedals — Two(2), individual pedals for simultaneous or independent operation.

9.2.3 Parking brake

a) Mechanically operated by foot or hand.

9.3 Steering — Two (2) wheel hydrostatic power.

10.0 TIRES & RIMS

10.1 Front — minimum 12 x 16.5 tires with matching rims. State size.

10.1.1 Ply rating — 8 ply minimum.

10.1.2 Tread — lug type.

10.2 Rear — minimum 19.5 x 24 tires with matching rims. State size.

10.2.1 Ply rating — 10 ply minimum.

10.2.2 Tread — R4, industrial.

10.3 Spare Tire and Rim — one (1) front and one (1) rear, identical to tires and rims being bid.

10.4 Front fenders — required.

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11.0 OPERATOR (CAB) COMPARTMENT

- 11.1 Shall be the manufacture's OEM cab.
(Note: after market cabs will not be accepted) _____
- 11.2 Type — roll over protective structure complete with pressurized cab,
OSHA certified or equal. _____
 - 11.2.1 Cab layout shall provide a comfortable seated position for a 95th
percentile male. _____
- 11.3 Cab interior dome light — required. _____
- 11.4 Floor covering — rubber, required throughout. _____
- 11.5 Floor mats — required. _____
- 11.6 Insulation and headliner — required for sound suppression. _____
- 11.7 Seat — cushioned, adjustable bucket type with cloth upholstery,
mechanical or air suspension and retractable seat belt. _____
- 11.8 Ride control w/ nitrogen accumulator — OEM factory installed. _____
- 11.9 Windows — tinted safety glass with appropriate markings for all panes. _____
 - 11.9.1 All windows shall be opening type where available. _____
- 11.10 Doors — one (1) each side with spring assisted strut, lockable with
common key. _____
- 11.11 Interior rear view mirror. _____
- 11.12 Exterior rear view mirrors two (2). One mounted on each side of cab. _____
- 11.13 Windshield wipers — required front and rear. _____
 - 11.13.1 Windshield washer(s) — front and rear mounted. _____
- 11.14 Heater/defroster — heavy duty, hot water type with two—speed fan. _____
 - 11.14.1 Heater capacity — approx. 35,000 BTU. _____
 - 11.14.2 Defroster — capable of keeping all windows clear. _____
- 11.15 Air conditioning — required, factory installed. Roof mounted air
conditioning units will not be accepted. _____
- 11.16 Steps — open grate type. _____
- 11.17 Toolbox — lockable, state location. _____
- 11.18 Instrumentation:
 - 11.18.1 Coolant temperature gauge and alarm. _____
 - 11.18.2 Engine oil pressure gauge or warning light and alarm. _____
 - 11.18.3 Transmission oil temperature gauge or warning light. _____
 - 11.18.4 Hourmeter. _____

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11.18.5 Tachometer.

11.18.6 Fuel gauge.

11.18.7 Charging system gauge or warning light.

11.19 Noise level, interior — maximum 80 dB(A), measured in accordance with SAE J336. State noise level.

11.20 Operator (cab) compartments, which have hydraulic lines that enter the compartment, shall not be accepted.

12.0 ELECTRICAL & LIGHTING

12.1 Type — 12 volt, negative ground electrical system.

12.2 Electric starter.

12.3 Keyed starter switch c/w three (3) sets of keys.

12.4 Batteries —single or dual, minimum 1000 CCA combined or total capacity:

12.4.1 State whether single or dual.

12.4.2 State — CCA capacity.

12.5 Alternator — state output.

12.6 Combination stop and tail lights — two (2).

12.7 Signal lights with warning flashers — two (2) front and two (2) rear.

12.7.1 Warning flashers shall be operable with the key removed.

12.8 Headlights — two (2).

12.9 Work lights — two (2) front and four (4) rear. Adjustable, located immediately below cab roof.

12.9.1 Independent on/off switch for each pair of work lights, dash mounted, wired through ignition.

12.10 Radio — AM/FM.

12.11 Horn — operable from driving position

12.12 Mini Light Bar — Grote 76813, roof mounted. Light shall be activated by a dash—mounted switch, wired through the ignition. The switch shall be labelled by a permanent type, engraved style label.

12.12.1 Light bar guard — ramped, bolt-on metal guard, designed to permit servicing of the light bar without being removed.

12.13 Back—up alarm — Star Model 62—097 or factory installed back—up alarm, mounted at rear of unit, located to be protected from damage.

12.14 Wiring for all locally installed equipment shall be colour coded, loomed and properly secured.

12.14.1 All joining of wires and electrical connectors shall be soldered and

sealed with heat shrink tubing.

- 12.14.2 All joining of wires and shall be performed with the same colour coded wire that is being used.

13.0 MISCELLANEOUS

- 13.1 Counterbalance weights — Fluid filled tires or wheel weights are not acceptable.
- 13.2 Drawbar — state type.
- 13.3 Fuel tank capacity – minimum 119 litres. State capacity.
- 13.4 Fuel tank shall be fully fuelled upon delivery.
- 13.5 Replaceable moulded front rubber bumpers, mounted on the front exterior of unit on each side of the radiator.
- 13.6 Slow Moving Vehicle Sign — Grote 71152 or equal, rear mounted in a visible location. Exact location to be determined at time of installation.

14.0 FRONT END LOADER

- 14.1 Lift capacity, full height — minimum 6,400 lb. (2,903 kg). State lift capacity.
- 14.2 Dump clearance as bid (bucket @ 45°) — 102 in. minimum. State.
- 14.3 Controls — single lever with clutch disconnect button, return—to—dig and float.
- 12.1.1 Self—levelling bucket with level indicator.
- 12.1.2 Front bucket level indicator to be mounted in a location that is easily visible to the operator during the course of normal operation. The operator must be able to see the bucket level indicator without having to lean or change body position.
- 14.4 Loader safety prop bar.

Note: see Clauses — 18.0 — 19.0 and 20.0 — for loader buckets

15.0 FRONT BUCKET COUPLERS — MACHINE SIDE

- 15.1.1 Attachment bracket shall permit use of two (2) bucket positions or 190° rotation bucket.
- 15.1.2 Attachment bracket shall permit attachment changes without the use of any tools.

16.0 OPERATOR MANUALS

- 16.1 The operator manuals shall be in English and shall be supplied with the equipment when delivered.
- 16.2 The operator manuals shall cover the complete machine including the engine and all related attachments.

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16.3 Payment for the equipment to the Contractor shall be dependent upon receipt of the operator manuals and not before.

16.4 The Contractor shall provide the operator manuals at a quantity one(1) per unit, which shall be included in the cost of the unit.

**17.0 ITEM – 1A — 80 HP INDUSTRIAL TRACTOR LOADER
OFFERED IN CLAUSE 2.4 of SPEC 06 – 017**

18.0 ITEM – 1B — LOADER BUCKET — GENERAL PURPOSE — for ITEM – 1

18.1 LOADER BUCKET — GENERAL PURPOSE

18.1.1 Loader bucket — flat bottom, general purpose type, with bolt-on cutting edge.

18.1.2 SAE heaped capacity — minimum **1.0 yd³** (0.77 m³).

18.1.3 Width to exceed machine width at rear tires.

18.1.4 Wear plates — required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place.

18.2 Mechanical Quick attach coupler.

19.0 ITEM – 1C — LOADER BUCKET — 4 in 1 (CLAM TYPE) — for ITEM – 1

19.1 LOADER BUCKET — 4 in 1 (CLAM TYPE)

19.1.1 Type — 82 in. width approx. with bolt-on cutting edge(s).

19.1.2 Replaceable bolt-on cutting edges — three (3) per clam bucket, i.e., a cutting edge shall be provided for all three edges of the bucket.

19.1.3 Required with all auxiliary hydraulic lines and hoses, and in-cab controls.

19.2 Mechanical Quick attach coupler.

20.0 ITEM – 1D — LOADER BUCKET for SNOW — for ITEM – 1

20.1 LOADER BUCKET for SNOW

20.1.1 Loader bucket — flat bottom, for snow, with bolt-on cutting edge.

20.1.2 Width to exceed machine width at rear tires.

20.1.3 SAE heaped capacity — minimum **2.0 yd³** (1.54 m³).

20.1.4 Wear plates — required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place.

20.2 Mechanical Quick attach coupler.

21.0 ITEM – 1E — PALLET FORKS — for ITEM – 1

21.1 PALLET FORKS

21.1.1 Tines

- a) Forged steel. _____
- b) 48 inches long. _____
- c) Adjustable width. _____

21.1.2 Carriage width approximately 60 inches. State carriage width. _____

21.2 Lifting capacity of pallet forks to be compatible with machine capacity. _____

21.3 Mechanical Quick attach coupler. _____

22.0 ITEM – 1F — THREE POINT HITCH for Box Scraper— for ITEM – 1

22.1 THREE(3) POINT HITCH

22.1.1 Three(3) Point Hitch — for box scraper. _____

23.0 ITEM – 1G — REAR COUNTERBALANCE — for ITEM – 1

23.1 Rear counterbalance for use with three point hitch

Approx. **600 lbs.**, OEM, factory installed, required to provide proper machine balance and roading characteristics.
State weight of counterbalance. _____

24.0 ITEM – 1H — BOX SCRAPER — for ITEM – 1

24.1 BOX SCRAPER

24.1.1 Width approximately 84 inches. State width. _____

24.1.2 Approximately 1,500 lbs. State weight. _____

24.1.3 Replaceable bolt-on cutting edges — two (2)per scraper. _____

24.1.4 Scarifier. _____

25.0 ITEM – 1I — PARTS, REPAIR and TECHNICAL SERVICE MANUALS / CD ROM (preferred) for ITEMS 1A , 1B , 1C , 1D , 1E , 1F and 1G

25.1 The parts repair and technical, service manuals / CD rom, shall be in English and shall be supplied with the equipment when delivered. _____

25.1.1 State whether parts and service information is in text manual or CD rom format. _____

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25.2 The parts repair and technical, service manuals / CD rom shall cover the complete machine including the engine and all related attachments. _____

25.3 Payment for the equipment to the Contractor shall be dependent upon receipt of the parts and service manuals or CD rom and not before. _____

**26.0 ITEM 2A — 80 HP INDUSTRIAL TRACTOR LOADER
OFFERED IN CLAUSE 2.4 of SPEC 06 – 017**

27.0 ITEM 2B — REAR COUNTERBALANCE — for ITEM 2A

27.1 Rear counterbalance
Approx. **3,000 lbs.**, OEM, factory installed, required to provide proper machine balance and roading characteristics.
State weight of counterbalance. _____

28.0 ITEM 2C — LOADER BUCKET — 4 in 1 (CLAM TYPE) — for ITEM 2A

28.1 LOADER BUCKET — 4 in 1 (CLAM TYPE)

28.1.1 Type — 82 in. width approx. with bolt-on cutting edge(s). _____

28.1.2 Replaceable bolt-on cutting edges — three (3) per clam bucket, i.e., a cutting edge shall be provided for all three edges of the bucket. _____

28.1.3 Required with all auxiliary hydraulic lines and hoses, and in-cab controls. _____

28.2 Mechanical Quick attach coupler. _____

29.0 ITEM 2D — LOADER BUCKET for SNOW — for ITEM 2A

29.1 LOADER BUCKET for SNOW

29.1.1 Loader bucket — flat bottom, for snow, with bolt-on cutting edge. _____

29.1.2 Width to exceed machine width at rear tires. _____

29.1.3 SAE heaped capacity — minimum **2.0 yd³** (1.54 m³). _____

29.1.4 Wear plates — required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place. _____

29.2 Mechanical Quick attach coupler. _____

**30.0 ITEM 2E — PARTS, REPAIR and TECHNICAL
SERVICE MANUALS / CD ROM (preferred)
for ITEMS 2A , 2B , 2C and 2D**

30.1 The parts, repair and technical, service manuals / CD rom, shall be in English and shall be supplied with the equipment when delivered. _____

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30.1.1 State whether parts and service information is in text manual or CD rom format.

30.2 The parts repair and technical, service manuals / CD rom shall cover the complete machine including the engine and all related attachments.

30.3 Payment for the equipment to the Contractor shall be dependent upon receipt of the parts and service manuals or CD rom and not before.

31.0 **TRAINING**

31.1 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 day for maintenance personnel and one (1) working day 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.

32.0 **PERFORMANCE RELIABILITY**

32.1 The responsibility for the design of the complete equipment, it's performance and reliability shall rest upon the Contractor.

32.2 The term "**repeated failures**" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the equipment inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, or assembly.

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 schedule.

32.3 Where the equipment develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

33.0 **WARRANTY**

33.1 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 HP INDUSTRIAL TRACTORS and attachments**.

The warranty shall not include regular maintenance items such as bolt on cutting edges, filters, oils, belts etc., or any item deemed as a consumable

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that is subject to everyday wear and tear, during the regular operation of the unit.

- 33.2 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 or 2000 hours, from the date the equipment is put into service by the City of Winnipeg.
- 33.3 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.
- 33.4 The Contractor's Winnipeg dealer/representative or service facility, shall make available all replacement parts and have completed all warranty repairs on any tractor within seven(7) business days.
- 33.5 In the event that the Contractor cannot provide delivery on the repaired tractor within the stated period above (Clause 33.4), 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.

FORM O: — SECTION A — ITEMS 1 + 2 QUESTIONNAIRE

80 HP INDUSTRIAL TRACTOR LOADER (no backhoe)

Spec 06 – 017

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

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

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

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

FORM N: — SECTION B — ITEM 3 — DETAILED SPECIFICATIONS 06 ~ 018
92 H.P., 4WD INDUSTRIAL TRACTOR LOADER and BACKHOE (with Crab Steer)

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE

- 1.1 These specifications describe the supply and delivery of a minimum **92 HP (69.5 kW), Rubber Tired, Four Wheel Drive Industrial Tractor Loader** with equipment and features as specified herein.
- 1.2 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.
- 1.3 Shall be capable of consistent top performance for boulevard, walkway and parkland maintenance, snow removal work and other miscellaneous functions during the summer and winter environment which is normal to the City of Winnipeg.

2.0 ELIGIBLE MODELS

- 2.1 Shall be one of the following eligible manufacturer's models:

JCB – 217 S

New Holland – B 115

- 2.2 The City will only accept equipment from the eligible manufactures outlined in Clause 2.1. In the event that the manufacturers cannot provide the exact models listed, the City will consider newer or upgraded models which have performance characteristics that equal or exceed the eligible models listed and meet the required specifications in this document.
- 2.3 In addition to qualification as an eligible model, bids must be responsive under the specification section of this contract.
- 2.4 State make and model of 92 HP Industrial Tractor Loader with Backhoe and Crab Steer 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 tractor 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 2004: \$65.00/hour).

4.3 **Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in one of the Clauses listed below. ——— 4.3 a) OR 4.3 b)

4.3.1 Bidder's own facility location. State the location of the service facility below.

4.3.2 Bidder elects to have warranty work be performed by the City of
Winnipeg Repair Facility.

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 Bidders are not required to bid on all items in this contract.

5.3 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 DIMENSIONS & WEIGHTS (As Bid)

6.1 Operating weight (SAE) without attachments — approx. 17,200 lbs.
(7,800 kg), State weight.

6.2 Overall width, less front bucket — state.

6.3 Overall height (to top of cab) — state.

6.4 Overall length — state.

6.5 Wheelbase — state.

6.6 Turning radius — state curb clearance with brakes applied.

7.0 ENGINE

7.1 Type — diesel fuelled, liquid cooled.

7.2 Net horsepower as per SAE J1349 B — 92 HP (69.5 kW) minimum.
State minimum net horsepower.

7.3 Fuel shut—off — electric solenoid type.

7.4 Fuel filter and water separator — required.

7.5 Oil filter — full flow, spin-on type.

7.6 Air cleaner — dry cartridge type with restriction indicator.
Indicator to be mounted inside of cab

7.7 Throttle — hand operated with foot override.

7.8 Exhaust — mufflered, vertical discharge with bend and 40° cut—
(rain cap unacceptable).

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7.9 Coolant — ethylene glycol based, protected to – 35° F (–37° C). _____

7.10 Engine block heater — immersion type. _____

7.11 Chaf screen — required. _____

7.12 Cold weather starting aid — ether not acceptable. State type. _____

7.13 Engine protection system — shall provide visual and audible warning of principal machine systems including engine oil pressure and coolant temperature. _____

8.0 TRANSMISSION

8.1 Type — four(4) speed power shuttle or auto shift with torque converter _____

8.2 Shifting — fully synchronized. _____

8.2.1 Speeds, forward — four (4) minimum. _____

8.2.2 Speeds, reverse — four (4) minimum. _____

8.3 Powershift direction reverser. _____

9.0 AXLES & BRAKES & STEERING

9.1 Front axle— driven type four wheel drive (4WD), with guarded drive shaft. _____

9.2 Brakes

9.2.1 Four(4) wheel, hydraulically operated, wet disk type. _____

9.2.2 Brake pedals — Two(2), individual pedals for simultaneous or independent operation. _____

9.2.3 Parking brake

a) Disk type, located on the drive shaft. _____

b) Mechanically operated by foot or hand. _____

9.3 Steering

9.3.1 Four (4) wheel hydrostatic power. _____

9.3.2 Three (3) steering modes with in-cab mode selector switch. _____

a) Steering modes – 2-wheel, 4-wheel and crab. _____

10.0 TIRES & RIMS

10.1 Front tires and rims to be identical in size, shape, design and type to rear tires and rims. _____

10.1.1 Front — minimum 16.9 x 28 tires with matching rims. State size. _____

a) Ply rating — 10 ply minimum. _____

b) Tread — R4, industrial. _____

10.1.2 Rear — minimum 16.9 x 28 tires with matching rims. State size. _____

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- a) Ply rating — 10 ply minimum. _____
- b) Tread — R4, industrial. _____
- 10.2 **Spare Tire and Rim** — one (1) front and one (1) rear, identical to tires and rims being bid. _____
- 10.3 Front fenders — required. _____
- 11.0 OPERATOR (CAB) COMPARTMENT**
- 11.1 Shall be the manufacture's OEM cab.
(Note: after market cabs will not be accepted) _____
- 11.2 Type — roll over protective structure complete with pressurized cab, OSHA certified or equal. _____
 - 11.2.1 Cab layout shall provide a comfortable seated position for a 95th percentile male. _____
- 11.3 Cab interior dome light — required. _____
- 11.4 Floor covering — rubber, required throughout. _____
- 11.5 Floor mats — required. _____
- 11.6 Insulation and headliner — required for sound suppression. _____
- 11.7 Seat — cushioned, adjustable bucket type with cloth upholstery, mechanical or air suspension and retractable seat belt. _____
- 11.8 Ride control w/ nitrogen accumulator — OEM factory installed. _____
- 11.9 Windows — tinted safety glass with appropriate markings for all panes. _____
 - 11.9.1 All windows shall be opening type where available. _____
- 11.10 Doors — one (1) each side with spring assisted strut, lockable with common key. _____
- 11.11 Interior rear view mirror. _____
- 11.12 Exterior rear view mirrors two (2). One mounted on each side of cab. _____
- 11.13 Windshield wipers — required front and rear. _____
 - 11.13.1 Windshield washer(s) — front and rear mounted. _____
- 11.14 Heater/defroster — heavy duty, hot water type with two—speed fan. _____
 - 11.14.1 Heater capacity — approx. 35,000 BTU. _____
 - 11.14.2 Defroster — capable of keeping all windows clear. _____
- 11.15 Air conditioning — required, factory installed.
Roof mounted air conditioning units will not be accepted. _____
- 11.16 Steps — open grate type. _____
- 11.17 Toolbox — lockable, state location. _____

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11.18 Instrumentation:

11.18.1 Coolant temperature gauge and alarm. _____

11.18.2 Engine oil pressure gauge or warning light and alarm. _____

11.18.3 Transmission oil temperature gauge or warning light. _____

11.18.4 Hourmeter. _____

11.18.5 Tachometer. _____

11.18.6 Fuel gauge. _____

11.18.7 Charging system gauge or warning light. _____

11.19 Noise level, interior — maximum 90 dB(A), measured in accordance with SAE J336. State noise level. _____

11.20 Operator (cab) compartments, which have hydraulic lines that enter the compartment, shall not be accepted. _____

12.0 **ELECTRICAL & LIGHTING**

12.1 Type — 12 volt, negative ground electrical system. _____

12.2 Electric starter. _____

12.3 Keyed starter switch c/w three (3) sets of keys. _____

12.4 Batteries —single or dual, minimum 1000 CCA combined or total capacity.

12.4.1 State whether single or dual _____

12.4.2 State — CCA capacity. _____

12.5 Alternator — state output. _____

12.6 Combination stop and tail lights — two (2). _____

12.7 Signal lights with warning flashers — two (2) front and two (2) rear. _____

12.7.1 Warning flashers shall be operable with the key removed. _____

12.8 Headlights — two (2). _____

12.9 Work lights — two (2) front and four (4) rear. Adjustable, located immediately below cab roof. _____

12.9.1 Independent on/off switch for each pair of work lights, dash mounted, wired through ignition. _____

12.10 Radio — AM/FM. _____

12.11 Horn — operable from driving position and from backhoe position. _____

12.12 Mini Light Bar — Grote 76813, roof mounted. Light shall be activated by a dash—mounted switch, wired through the ignition. The switch shall be labelled by a permanent type, engraved style label. _____

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12.12.1 Light bar guard — ramped, bolt-on metal guard, designed to permit servicing of the light bar without being removed.

12.13 Back—up alarm — Star Model 62—097 or factory installed back—up alarm, mounted at rear of unit, located to be protected from damage.

12.14 Wiring for all locally installed equipment shall be colour coded, loomed and properly secured.

12.14.1 All joining of wires and electrical connectors shall be soldered and sealed with heat shrink tubing.

12.14.2 All joining of wires and shall be performed with the same colour coded wire that is being used.

13.0 MISCELLANEOUS

13.1 If any counter weights are required, fluid filled tires or wheel weights will not be accepted.

13.2 Fuel tank capacity – minimum 150 litres. State capacity.

13.3 Fuel tank shall be fully fuelled upon delivery.

13.4 Slow Moving Vehicle Sign — Grote 71152 or equal, rear mounted in a visible location. Exact location to be determined at time of installation.

14.0 FRONT END LOADER and BACKHOE

14.1 Front End Loader

14.1.1 Lift capacity, full height — minimum 9,000 lb. (4,081kg). State lift capacity.

14.1.2 Dump clearance as bid (bucket @ 45°) — 102 in. minimum. State.

14.1.3 Controls — single lever with clutch disconnect button, return—to—dig and float.

a) Self—levelling bucket with level indicator.

b) Front bucket level indicator to be mounted in a location that is easily visible to the operator during the course of normal operation. The operator must be able to see the bucket level indicator without having to lean or change body position.

14.1.4 Loader safety prop bar.

Note: see Sections 18.0 and 19.0 — for loader buckets

14.2 Backhoe

14.2.1 Type – centre pivot with extendable dipperstick (extend—a—hoe).

14.2.2 The industrial tractor shall be capable of simultaneous operation (no switch over control), with regards to

a) overall boom movement and bucket swivel

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- b) overall boom movement and extension or retraction of the dipperstick _____
- c) extension or retraction of the dipperstick in conjunction with the bucket swivel. _____
- d) overall boom movement simultaneously in conjunction with
 - extension or retraction of the dipperstick and with the bucket swivel at the same time. _____
- 14.2.3 Backhoe digging depth with dipperstick extended.
 - a) Minimum digging depth 21 ft. 6 in. (6.55 m). State digging depth. _____
- 14.2.4 Digging force
 - a) Bucket ~~or~~ Breakout cylinder force (SAE), using a 24 in. (610mm) bucket with
 - dipperstick retracted or extended, minimum 14,500 lbs. (6,575 kg). State force in lbs. _____
 - b) Dipper or Crowd cylinder force(SAE) using a 24 in. (610mm) bucket with
 - dipperstick retracted minimum 9,000 lbs. (4,080 kg). State force in lbs. _____
 - dipperstick extended minimum 6,700 lbs. (3,038 kg). State force in lbs. _____
- 14.2.5 Pilot Controls (excavator type) — two lever, variable controls, electric—over—hydraulic (foot swing not acceptable). Joystick type, mounted beside operator. _____
- 14.2.6 Quick coupler attachment bracket for backhoe attachments — Machine Side.
 - a) Mechanical type, state make and model being bid. _____
 - b) Attachment bracket shall permit use of two (2) bucket positions or 190° rotation bucket. _____
 - c) Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools. _____
- 14.2.7 Stabilizer pads – reversible, flip—over type pads. _____
- 14.2.8 Front counterweight – supplied as required to provide proper machine balance and roading characteristics. _____
- 14.2.9 Replaceable bushings and grease fittings at all backhoe pivot points, cylinder rod and closed ends, and bucket links. _____
- 14.2.10 Boom lock – required. State type. _____

15.0 FRONT BUCKET COUPLERS — MACHINE SIDE

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15.1 Quick coupler attachment bracket — hydraulic type, state make and model being bid.

15.1.1 Attachment bracket shall permit use of two (2) bucket positions or 190° rotation bucket.

15.1.2 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

16.0 OPERATOR MANUALS

16.1 The operator manuals shall be in English and shall be supplied with the equipment when delivered.

16.2 The operator manuals shall cover the complete machine including the engine and all related attachments.

16.3 Payment for the equipment to the Contractor shall be dependent upon receipt of the operator manuals and not before.

16.4 The Contractor shall provide the operator manuals at a quantity one(1) per unit, which shall be included in the cost of the unit.

**17.0 ITEM 3A — 92 HP INDUSTRIAL TRACTOR LOADER with BACKHOE
and CRAB STEER —
OFFERED IN CLAUSE 2.4 of SPEC 06 – 018**

18.0 ITEM 3B — LOADER BUCKET — GENERAL PURPOSE — for ITEM 3A

18.1 LOADER BUCKET — GENERAL PURPOSE

18.1.1 Loader bucket — flat bottom, general purpose type, with bolt-on cutting edge.

18.1.2 SAE heaped capacity — minimum **1.0 yd³** (0.77 m³).

18.1.3 Width to exceed machine width at rear tires.

18.1.4 Wear plates — required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place.

18.2 Quick coupler attachment bracket — hydraulic type, state make and model being bid.

18.2.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

19.0 ITEM 3C — LOADER BUCKET for SNOW — for ITEM 3A

19.1 LOADER BUCKET for SNOW

19.1.1 Loader bucket — flat bottom, for snow, with bolt-on cutting edge.

19.1.2 Width to exceed machine width at rear tires.

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19.1.3 SAE heaped capacity — minimum **3.0 yd³** – (2.31m³).

19.1.4 Wear plates — required to prevent bucket heel from rubbing on ground with bolt-on cutting edge in place.

19.2 Mechanical Quick attach coupler.

19.2.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

20.0 ITEM 3D — PALLET FORKS — for ITEM 3A

20.1 PALLET FORKS

20.1.1 Tines

a) Forged steel.

b) 48 inches long.

c) Adjustable width.

20.1.2 Carriage width approximately 60 inches. State carriage width.

20.2 Lifting capacity of pallet forks to be compatible with machine capacity.

20.3 Mechanical Quick attach coupler.

20.3.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

21.0 ITEM 3E — RIPPER TOOTH — BACKHOE ATTACHMENT — for ITEM 3A

21.1 RIPPER TOOTH — BACKHOE ATTACHMENT

21.1.1 Penetration — 30 inch.

21.1.2 Replaceable.

21.1.3 Minimum 340 lbs.

21.2 Mechanical Quick attach coupler.

21.2.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

22.0 ITEM 3F — BACKHOE BUCKET — 18 INCHES WIDE — for ITEM 3A

22.1 Heavy duty backhoe bucket. Width to be 18 inches.

22.2 Replaceable pin-on teeth complete with required attachment pin(s).

22.3 Capacity – minimum 5.3 ft.³ State capacity.

22.4 Mechanical Quick attach coupler.

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22.4.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

23.0 ITEM 3G — BACKHOE BUCKET — 24 INCHES WIDE — for ITEM 3A

23.1 Heavy duty backhoe bucket. Width to be 24 inches.

23.2 Replaceable pin-on teeth complete with required attachment pin(s).

23.3 Capacity – minimum 8.0 ft.³ State capacity.

23.4 Mechanical Quick attach coupler.

23.4.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

24.0 ITEM 3H — BACKHOE BUCKET — 30 INCHES WIDE — for ITEM 3A

24.1 Heavy duty backhoe bucket. Width to be 30 inches.

24.2 Replaceable pin-on teeth complete with required attachment pin(s).

24.3 Capacity – minimum 11.3 ft.³ State capacity.

24.4 Mechanical Quick attach coupler.

24.4.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

**25.0 ITEM 3I — BACKHOE BUCKET — DITCHING BUCKET — 60 INCHES WIDE
for ITEM 3A**

25.1 Heavy duty landscaping/ditching bucket - Width to be 60 inches.

25.2 Hydraulic tilt type (articulating) w/flat bottom. State size.

25.3 Mechanical Quick attach coupler.

25.3.1 Attachment bracket shall permit bucket changes and bucket position changes without the use of any tools.

**26.0 ITEM 3J — PARTS, REPAIR and TECHNICAL
SERVICE MANUALS / CD ROM (preferred)
for ITEMS 3A , 3B, 3C, 3D, 3E, 3F, 3G, , 3H AND, 3I**

26.1 The parts, repair and technical, service manuals / CD rom, shall be in English and shall be supplied with the equipment when delivered.

26.1.1 State whether parts and service information is in text manual or CD rom format.

26.2 The parts repair and technical, service manuals / CD rom shall cover the complete machine including the engine and all related attachments.

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26.3 Payment for the equipment to the Contractor shall be dependent upon receipt of the parts and service manuals or CD rom and not before.

27.0 **TRAINING**

27.1 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 day for maintenance personnel and one (1) working day 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.

28.0 **PERFORMANCE RELIABILITY**

28.1 The responsibility for the design of the complete equipment, it's performance and reliability shall rest upon the Contractor.

28.2 The term "**repeated failures**" as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the equipment inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, or assembly. 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 schedule.

28.3 Where the equipment develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

29.0 **WARRANTY**

29.1 The warranty requirements shall be a minimum of two (2) years or 2000 hours, parts and labour inclusive, "bumper to bumper" on the complete **92 HP INDUSTRIAL TRACTOR with CRAB STEER and attachments.**

The warranty shall not include regular maintenance items such as bolt on cutting edges, filters, oils, belts etc., or any item deemed as a consumable that is subject to everyday wear and tear, during the regular operation of the unit.

29.2 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 or 2000 hours, from the date the equipment is put into service by the City of Winnipeg.

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29.3 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.

29.4 The Contractor's Winnipeg dealer/representative or service facility, shall make available all replacement parts and have completed all warranty repairs on any tractor within seven(7) business days.

29.5 In the event that the Contractor cannot provide delivery on the repaired tractor within the stated period above (Clause 29.3), 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.

FORM O: — SECTION B — ITEM 3 QUESTIONNAIRE
92 HP INDUSTRIAL TRACTOR LOADER with BACKHOE and CRAB STEER
Spec 06 – 018

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

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

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

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