

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

1. Contract Title SUPPLY & DELIVERY OF AG TRACTORS

2. Bidder

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

\_\_\_\_\_  
Usual Business Name of Bidder as it appears on Invoice (if different from above)

\_\_\_\_\_  
Street

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

(Mailing address if different)

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)

The Bidder is:

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

\_\_\_\_\_  
Email Address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

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 notice of award from the Award Authority 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.

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 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 AG TRACTORS**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Ag Tractor 85-90 PTO HP (W&W North End Treatment Plant Replacing Unit # 333-3311)	12032	(Each)	(1)	
2.	Ag Tractor 50 PTO HP (Parks CPS-IPM Replacing Unit #'s 309-7925 , 309-7933)	12033	(Each)	(2)	

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

## FORM N: DETAILED SPECIFICATIONS 12032

### 1.0 **DESCRIPTION OF EQUIPMENT AND PERFORMANCE-** (W&W North End Treatment Plant Replacing Unit # 333-3311)

- 1.1 These specifications describe 85-90 PTO HP, Ag Tractor and other Equipment and features as specified herein.
- 1.2 The Ag Tractor shall be a new 2011 or 2012 model year or newer.
- 1.3 Shall be capable of consistent top performance for North End Treatment Plant Maintenance and other activities during the environments, which is normal to the City of Winnipeg.
- 1.4 The Ag Tractor and all other items/components shall be the manufacturer's latest models. The Ag 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 Ag Tractor in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Ag 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.

### 2.0 **OTHER SPECIFICATIONS AND STANDARDS-**

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The Ag Tractor and all its components and attachments shall comply with the applicable regulations:

Highway Traffic Act = <http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.pHP>

Manitoba Motor Vehicle Act = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

Canadian Motor Vehicle Safety Standards, CMVSS = <http://www.gnb.ca/0062/regs/83-163.htm>

Transport Canada = <http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html>

National Safety Mark, NSM = <http://www.tc.gc.ca/actsregulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>

Manitoba/Winnipeg Safety and Health Act, Parts 12, 22 = <http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.pHP> and <http://www.gov.mb.ca/labour/safety/>

Canadian Standards Association, CSA = <http://www.csa.ca/about/Default.asp?language=english>

Under Writers of Canada, U/L = <http://www.ulc.ca/>

Society of Automotive Engineers, SAE = [http://en.wikipedia.org/wiki/Society\\_of\\_Automotive\\_Engineers](http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers)

- 2.3 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 units.

2.4 The Contractor shall be registered with the Workers compensation Board of Manitoba, shall provide and maintain workers compensation coverage throughout the term of the Contract, and shall provide the supervisor of Administrative Services of the Fleet Management Agency with evidence thereof upon request.

**3.0 SERVICE FACILITY/ REFERENCE LIST -**

3.1 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. 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.

3.2 The bidder shall provide three (3) Canadian references using similar equipment in similar working environment :

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

**4.0 MAKE & MODEL-**

4.1 **State** make and model of the Ag Tractor being bid- \_\_\_\_\_

**5.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-**

5.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.

5.2 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.

5.3 **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 SPECIFICATIONS-**

6.1 **ENGINE-** Diesel, liquid cooled and turbo charged.  
Engines shall be warranted to use biodiesel at a B10 blend level (10% biodiesel to 90% ultra-low , sulphur diesel), where the biodiesel will meet product specification ASTM D 6751 to ensure fuel quality, **state-** \_\_\_\_\_

6.2 Tier- **State Model (Tier 3) or (Tier IV)-** \_\_\_\_\_

6.3 Engine HP (Gross) 95-100 HP \_\_\_\_\_

6.4 PTO HP 85-90 HP \_\_\_\_\_

6.5 Rated speed, RPM **State rated RPM speed-** \_\_\_\_\_

6.6	Alternator	80-90 Amps, <b>state-</b>	_____
6.7	Air cleaner	Dry type air cleaner	_____
6.8	Starting aid	Preheat starting aid	_____
<b>7.0</b>	<b><u>DRIVE TRAIN-</u></b>		
7.1	Transmission-	Power Shuttle with hi-low (Forward to Reverse Hydraulic Shuttle and Hi-Low Range)	_____
7.2	Speeds-	<b>State quantity for forward and reverse speeds</b>	_____
7.3	Brakes	Wet, Multi Disc	_____
7.4	Steering-	Hydrostatic power steering	_____
7.5	Drive-	4X4 (4 wheel drive)	_____
<b>8.0</b>	<b><u>PTO-</u></b>		
8.1	Type-	Full Independent or Manual	_____
8.2	Rear (Rpm)	Require 540/1000	_____
<b>9.0</b>	<b><u>HYDRAULICS-</u></b>		
9.1	Pump gpm	<b>State</b> gpm-	_____
9.2	Total Flow	<b>State</b> total gpm flow-	_____
9.3	Hitch Lift	<b>State</b> hitch lift capacity-	_____
9.4	Hitch Category	Category II (3) point hitch	_____
9.5	Implement Hook up-	Swinging Drawbar with Clevis required	_____
<b>10.0</b>	<b><u>THROTTLE-</u></b>		
10.1	Throttle	Hand or foot throttle control, <b>state-</b>	_____
<b>11.0</b>	<b><u>INSTRUMENTATION-</u></b>		
11.1	Instrumentation -	Alternator, Warning light - Engine oil pressure light. Gauges - water, fuel, tachometer w/ hour meter	_____
<b>12.0</b>	<b><u>CAB-</u></b>		
12.1	Cab-	Cab with Heating and A/C with ROPS W/ seat belt	_____
12.2	Radio-	AM/FM/CD	_____
12.3	Work Lights-	Front & Rear work lights	_____

12.4	Seat-	Adjustable seat	_____
12.5	Wipers-	Front and Rear wiper/washer	_____
12.6	Air Circulation-	Cab air re-recirculation	_____
12.7	Roof Vent-	Preferred but not required, <b>state-</b>	_____
12.8	Cutter/Breaker	Combination Seat Belt Cutter and Glass Breaker Required.	_____
12.9	Fire Extinguisher	(5) lbs. ABC Type Fire Extinguisher required, <b>state location-</b>	_____
12.10	First Aid Kit-	Required, <b>state location-</b>	_____
12.11	Cube Lighting-	(8) Whelen flush mounted cube LED (Amber & Blue) two per corner mounted at all four corners of the cab roof to achieve 360 degree visibility, complete with a 3 way dash mounted rocker switch. Wired through ignition, lights shall be wired for separate amber and separate blue labelled independently "winter", "off", "summer". The winter mode will turn on both blue and the summer will only turn on the amber lights	_____

**13.0 ELECTRICAL & REMOTE VALVES-**

13.1	Light Socket-	7 pin connector implement light socket	_____
13.2	Remote Valves-	(3) Remote Valves required	_____

**14.0 SELF LEVELING FRONT END LOADER/CYCLE TIMES (SECONDS)-**

14.1	Maximum Lift Height in. (mm)	<b>State-</b>	_____
14.2	Clearance with Attachment Dump in. (mm)	<b>State-</b>	_____
14.3	Reach at Maximum Height in. (mm)	<b>State-</b>	_____
14.4	Maximum Dump Angle deg.	<b>State-</b>	_____
14.5	Reach with Bucket on Ground in. (mm)	<b>State-</b>	_____
14.6	Maximum Rollback Angle deg.	<b>State-</b>	_____
14.7	Digging Depth in. (mm)	<b>State-</b>	_____
14.8	Overall Height in Carry Position in. (mm)	<b>State-</b>	_____
14.9	Lift Capacity (@ Pivot Pin) lbs. (kg)	<b>State-</b>	_____
14.10	Breakout Force (@ Pivot pin)	<b>State-</b>	_____
14.11	Raising Time	<b>State-</b>	_____

- 14.12 Lowering Time **State-** \_\_\_\_\_
- 14.13 Bucket Dump Time **State-** \_\_\_\_\_
- 14.14 Bucket Rollback Time **State-** \_\_\_\_\_
- 14.15 Bucket **Must be snow bucket** \_\_\_\_\_

**15.0 INDUSTRIAL TIRES/GRILL GUARD/ FRONT MUD FENDERS-**

- 15.1 Tire Size- **State** Tires Size, make & model, Front & Rear- \_\_\_\_\_
- 15.2 Guards- **State** Front fenders and exterior grille guard required \_\_\_\_\_

**16.0 DIMENSIONS-**

- 16.1 Length- **State** Overall length with 3pt- \_\_\_\_\_
- 16.2 Width- **State** Overall width with Ag Tires- \_\_\_\_\_
- 16.3 Wheelbase **State** Wheelbase- \_\_\_\_\_
- 16.4 Height - **State** Height to top of Cab- \_\_\_\_\_
- 16.5 Weight- **State** Total weight without ballast- \_\_\_\_\_
- 16.6 Radius- **State** Turning Radius- \_\_\_\_\_

**17.0 WARRANTY-**

- 17.1 Upon request, complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator. \_\_\_\_\_
- 17.2 The Contractor shall warrant all equipment and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace, without cost to the City, any article that has become defective and not proven to have been caused by negligence on the part of the user within **five (5) years** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_
- 17.3 Notwithstanding 17.2 above, the Contractor shall warrant all major components including, but not limited to, engine, transmission, final drives, all-wheel drive system (and all components thereof), pumps and motors, axle assemblies, tandem drives, etc. against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City, articles that have become defective and not proven to have been caused by negligence on the part of the user within **five (5) years or 1500 hours** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_
- 17.4 Notwithstanding 17.3 above, 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.

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17.5 The warranty shall not include regular maintenance items or any item deemed as a consumable that is subject to every day wear and tear, during the regular operation of the unit.

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17.6 Examples of items not covered under warranty:

- a) Ground engaging tools such as bolt cutting edges or bucket teeth.
- b) Maintenance items such as filters, oils, belts etc
- c) Miscellaneous items such as wiper blades, lights.

17.7 The following shall be covered under manufacturer's warranty:

- a) Batteries.
  - b) Tires.
- 

17.8 All incidental warranty related costs (including, but not limited to, Contractor's travel, mileage, deductibles, towing costs etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor.

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17.9 All warranty work performed by the contractor is to be accompanied with a priced warranty invoice showing a zero balance minus any deductibles.

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**18.0 PERFORMANCE RELIABILITY-**

18.1 The responsibility for the design of the **Ag Tractor**, its performance and reliability shall rest upon the Contractor.

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18.2 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 vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, 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 schedule.

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

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**19.0 TRAINING-**

19.1 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 training shall be conducted in separate or combined sessions for each group of 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 within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: 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.

19.2 Training Aides:

- a) On the type of equipment being offered, **state if CD Rom training aides or on-line training are available-**

19.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

19.4 State what other training aids are available (videos, CDs).

For the primary unit:

For major attachments (if applicable):

19.5 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to: Public Works Department, Human Resources Division Equipment Operator Training Branch

102-1155 Pacific Avenue  
Winnipeg, MB  
R3E 3P1

Leanne Chetyrbok  
Equipment Operator Training Consultant

Cell: 204-451-3793  
Contact e-mail: [lchetyrbok@winnipeg.ca](mailto:lchetyrbok@winnipeg.ca)

**20.0 DELIVERY-**

- 20.1 Delivery Point- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB.

20.2 Delivery Time- Within four (4) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. \_\_\_\_\_

20.3 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment. \_\_\_\_\_

20.4 P.D.I.- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list \_\_\_\_\_

**21.0 MANUALS**

21.1 Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. \_\_\_\_\_

21.2 The following manuals shall be supplied with the units when delivered:

- i) Operator's manual – Two (2) per unit (one operators manual shall be sent to the Equipment Operator Training Branch) \_\_\_\_\_
- ii) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred. \_\_\_\_\_

**22.0 OPTIONAL SNOW BLOWER**

22.1 **State** optional price for the following rear mount snow blowers: (Blower shall be Commercial Grade, hydraulic chute and deflect with replaceable cutting edge.

- 84" Schulte Snow Blower \_\_\_\_\_
- 84" Erskin Snow Blower \_\_\_\_\_
- 84" Pronovost Snow Blower \_\_\_\_\_
- 84" Normand Snow Blower \_\_\_\_\_
- 84" Equivalence Snow Blower \_\_\_\_\_

**23.0 OPTIONAL SWEEPER BROOM**

23.1 **State** optional price for the following rear mount sweeper broom:

- 84" Sweepster Broom \_\_\_\_\_
- 84" Equivalence Sweep Broom \_\_\_\_\_

**24.0 OPTIONAL FRONT SNOW PLOW**

24.1 **State** optional price for the following front mount snow plow- Plow shall be Hydraulic operated 5 way plow. \_\_\_\_\_

**25.0 ALTERNATIVE FUELS- (IF APPLICABLE)**

25.1 Please **state** if there are any alternative fuels offered in your product to assist in The City of Winnipeg Green Fleet Initiatives. If available, please state, type description, benefit, fuel savings, environmental benefits and the cost of the option.

- CNG Compressed Natural Gas
- Diesel Bio Blends
- Electric
- Other Alternative Fuels

\$ \_\_\_\_\_  
\$ \_\_\_\_\_  
\$ \_\_\_\_\_  
\$ \_\_\_\_\_

## FORM N: DETAILED SPECIFICATIONS 12033

### 1.0 **DESCRIPTION OF EQUIPMENT AND PERFORMANCE**-(Parks CPS-IPM Replacing Unit #'s 309-7925, 309-7933)

- 1.1 These specifications describe 50 PTO HP Ag Tractors and other Equipment and features as specified herein.
- 1.2 The **Ag Tractors** shall be a new 2011 or 2012 model year or newer.
- 1.3 Shall be capable of consistent top performance for City of Winnipeg Parks Maintenance and other activities during the environments, which is normal to the City of Winnipeg.

The tractors will be used with the following attachments:

- The first aerator is a 65.5 "wide, not PTO driven approximate 2000 lbs.
  - The second aerator is a PTO driven aerator, approximate 1100 lbs.
- 1.4 The responsibility for the design of the Ag Tractor, its performance and reliability shall rest upon the Contractor. 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 vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of 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 schedule.
- 1.5 Where the Ag Tractor develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.
- 1.6 The Ag Tractors and all other items/components shall be the manufacturer's latest models. The Ag Tractors shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the Ag Tractors in successful operation shall be furnished as though specifically mentioned in these specifications. The complete Ag Tractors, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.

### 2.0 **OTHER SPECIFICATIONS AND STANDARDS-**

- 2.1 All applicable SAE standards form an integral part of these specifications and shall have precedence in any conflict concerning minimum acceptable standards.
- 2.2 The **Ag Tractors** and all its components and attachments shall comply with the applicable regulations:

[Highway Traffic Act = http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.pHP](http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.pHP)

[Manitoba Motor Vehicle Act = http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm](http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm)

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[Canadian Standards Association, CSA = http://www.csa.ca/about/Default.asp?language=english](http://www.csa.ca/about/Default.asp?language=english)

[Under Writers of Canada, U/L = http://www.ulc.ca/](http://www.ulc.ca/)

[Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society\\_of\\_Automotive\\_Engineers](http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers)

- 2.3 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 units.
- 2.4 The Contractor shall be registered with the Workers compensation Board of Manitoba, shall provide and maintain workers compensation coverage throughout the term of the Contract, and shall provide the supervisor of Administrative Services of the Fleet Management Agency with evidence thereof upon request.

### **3.0 SERVICE FACILITY/ REFERENCE LIST -**

- 3.1 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. 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.
- 3.2 The bidder shall provide three (3) Canadian references using similar equipment in similar working environments (Parks and Recreation):

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

### **4.0 MAKE & MODEL-**

- 4.1 **State** make and model of the Ag Tractor being bid- \_\_\_\_\_

### **5.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-**

- 5.1 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity package.
- 5.2 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.
- 5.3 **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 SPECIFICATIONS-**

- 6.1 **ENGINE-** Diesel, liquid cooled and turbo charged.  
Engines shall be warranted to use biodiesel at a B10 blend level (10% biodiesel to 90% ultra low sulphur diesel), where the biodiesel will meet product specification ASTM D 6751 to ensure fuel quality, state- \_\_\_\_\_
- 6.2 Tier- **State** Model (Tier 3) or (Tier IV)- \_\_\_\_\_
- 6.3 Engine HP (Gross) 60-65 HP \_\_\_\_\_
- 6.4 PTO HP 50 HP \_\_\_\_\_
- 6.5 Tank Fuel Capacity **State** capacity in gallons- \_\_\_\_\_
- 6.6 Alternator 45-50 amp alternator \_\_\_\_\_

**7.0 DRIVE TRAIN-**

- 7.1 Transmission- Power Shuttle with hi-low (Forward to Reverse Hydraulic Shuttle and Hi-Low Range) \_\_\_\_\_
- 7.2 Speeds- **State** quantity for forward and reverse speeds- \_\_\_\_\_
- 7.3 Brakes Wet, Multi Disc \_\_\_\_\_
- 7.4 Steering- Hydrostatic power steering \_\_\_\_\_
- 7.5 Drive- 4X4 (4 wheel drive) \_\_\_\_\_

**8.0 PTO-**

- 8.1 Type- Full Independent or Manual \_\_\_\_\_
- 8.2 Rear (Rpm) Require 540/1000 \_\_\_\_\_

**9.0 HYDRAULICS-**

- 9.1 Pump gpm **State** gpm- \_\_\_\_\_
- 9.2 Total Flow **State** total gpm flow- \_\_\_\_\_
- 9.3 Hitch Lift **State** hitch lift capacity- \_\_\_\_\_
- 9.4 Hitch Category Category II (3) point hitch \_\_\_\_\_
- 9.5 Implement Hook up- Swinging Drawbar with Clevis required \_\_\_\_\_

**10.0 THROTTLE-**

- 10.1 Throttle Hand or foot throttle control, **state-** \_\_\_\_\_

**11.0 INSTRUMENTATION-**

11.1 Instrumentation - Alternator, Warning light - Engine oil pressure light.  
 Gauges - water, fuel, tachometer w/ hour meter \_\_\_\_\_

**12.0 CAB-**

12.1 Cab- Cab with Heating and A/C with ROPS W/ seat belt \_\_\_\_\_

12.2 Radio- AM/FM/CD \_\_\_\_\_

12.3 Work Lights- Front & Rear work lights \_\_\_\_\_

12.4 Seat- Adjustable seat \_\_\_\_\_

12.5 Wipers- Front and Rear wiper/washer \_\_\_\_\_

12.6 Air Circulation- Cab air re-recirculation \_\_\_\_\_

12.7 Roof Vent- Preferred but not required, **state-** \_\_\_\_\_

12.8 Cutter/Breaker Combination Seat Belt Cutter and Glass Breaker  
 Required. \_\_\_\_\_

12.9 Fire Extinguisher (5) lbs. ABC Type Fire Extinguisher required, **state  
 location-** \_\_\_\_\_

12.10 First Aid Kit- Required, **state location-** \_\_\_\_\_

12.11 Cube Lighting- (8) Whelen flush mounted cube LED (Amber & Blue) two  
 per corner mounted at all four corners of the cab roof to  
 achieve 360 degree visibility, complete with a 3 way dash  
 mounted rocker switch. Wired through ignition, lights shall  
 be wired for separate amber and separate blue labelled  
 independently "winter", "off", "summer". The winter mode  
 will turn on both blue and the summer will only turn on  
 the amber lights \_\_\_\_\_

**13.0 ELECTRICAL & REMOTE VALVES-**

13.1 Light Socket- 7 pin connector implement light socket \_\_\_\_\_

13.2 Remote Valves- (3) Remote Valves required \_\_\_\_\_

**14.0 INDUSTRIAL TIRES/GRILL GUARD/ FRONT MUD FENDERS/FRONT WEIGHTS-**

14.1 Tire Size- **State** Tires Size, make & model, Front & Rear- \_\_\_\_\_

14.2 Turf Tire Spare set- Unit shall be provided with a spare set (4 tires and rims  
 Mounted and balanced for each Ag tractor \_\_\_\_\_

14.3 Guards- Front mud flaps and exterior grille guard required \_\_\_\_\_

14.4 Front Weight kit- Require front weight kit, **state** weight in lbs.- \_\_\_\_\_



**15.0 DIMENSIONS-**

- |      |           |  |       |
|------|-----------|--|-------|
| 15.1 | Length-   | <b>State</b> Overall length with 3pt-      | _____ |
| 15.2 | Width-    | <b>State</b> Overall width with Ag Tires-  | _____ |
| 15.3 | Wheelbase | <b>State</b> Wheelbase-                    | _____ |
| 15.4 | Height -  | <b>State</b> Height to top of Cab-         | _____ |
| 15.5 | Weight-   | <b>State</b> Total weight without ballast- | _____ |
| 15.6 | Radius-   | <b>State</b> Turning Radius-               | _____ |

**16.0 WARRANTY-**

- 16.1 Upon request, complete details of warranties shall be made available within twenty-four (24) hours of the request of the Contract Administrator. \_\_\_\_\_
- 16.2 The Contractor shall warrant all equipment and all parts thereof, against any defects of workmanship, construction and materials, and agrees to repair or replace, without cost to the City, any article that has become defective and not proven to have been caused by negligence on the part of the user within **five (5) years** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_
- 16.3 Notwithstanding 16.2 above, the Contractor shall warrant all major components including, but not limited to, engine, transmission, final drives, all-wheel drive system (and all components thereof), pumps and motors, axle assemblies, tandem drives, etc. against any defects of workmanship, construction and materials, and agrees to repair or replace without cost to the City, articles that have become defective and not proven to have been caused by negligence on the part of the user within **five (5) years or 1500 hours** from the date the equipment is put into service by the City of Winnipeg. \_\_\_\_\_
- 16.4 Notwithstanding 16.3 above, 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. \_\_\_\_\_
- 16.5 The warranty shall not include regular maintenance items or any item deemed as a consumable that is subject to every day wear and tear, during the regular operation of the unit. \_\_\_\_\_
- 16.6 Examples of items not covered under warranty:
- a) Ground engaging tools such as bolt cutting edges or bucket teeth.
  - b) Maintenance items such as filters, oils, belts etc
  - c) Miscellaneous items such as wiper blades, lights.
- \_\_\_\_\_

16.7 The following shall be covered under manufacturer's warranty:

- a) Batteries.
- b) Tires.

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16.8 All incidental warranty related costs (including, but not limited to, Contractor's travel, mileage, deductibles, towing costs etc.) in executing any part of the warranty shall be the sole responsibility of the Contractor.

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16.9 All warranty work performed by the contractor is be accompanied with a priced warranty invoice showing a zero balance minus any deductibles.

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**17.0 PERFORMANCE RELIABILITY-**

17.1 The responsibility for the design of the Ag Tractor, its performance and reliability shall rest upon the Contractor.

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17.2 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 vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of 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 schedule.

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

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**18.0 TRAINING-**

18.1 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 training shall be conducted in separate or combined sessions for each group of 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 within two (2) calendar weeks from the date of delivery and shall be coordinated through the Contract Administrator.

The training shall be conducted in Winnipeg at a time and location designated by the Contract Administrator.

Pricing should be based on two (2) business days for maintenance personnel and two (2) business days for operating personnel.

Note: 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.

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18.2 Training Aides:

- a) On the type of equipment being offered, **state if CD Rom training aides or on-line training are available-**
- 

18.3 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

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18.4 State what other training aids are available (videos, CDs).

For the primary unit:

For major attachments (if applicable):

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18.5 Training Materials and applicable manuals or on-line training material information must be provided to the Operator Training Branch of Public Works at the earliest possible opportunity, no later than (4) weeks prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to: Public Works Department, Human Resources Division Equipment Operator Training Branch

102-1155 Pacific Avenue  
Winnipeg, MB  
R3E 3P1

Leanne Chetyrbok  
Equipment Operator Training Consultant

Cell: (204) 451-3793  
Contact e-mail: [lchetyrbok@winnipeg.ca](mailto:lchetyrbok@winnipeg.ca)

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**19.0 DELIVERY-**

19.1 Delivery Point- The complete unit shall be serviced, ready for operation and delivered F.O.B. with the freight prepaid, including invoice and N.I.V.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB.

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19.2 Delivery Time- Within four (4) calendar weeks from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days.

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19.3 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

19.4 P.D.I- A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list

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**20.0 MANUALS-**

20.1 Manuals supplied under this contract. The manuals shall cover the

complete equipment including all components thereof, CD is preferred where available.

\_\_\_\_\_

20.2 The following manuals shall be supplied with the units when delivered:

- i) Operator's manual – Two (2) per unit (one operators manual shall be sent to the Equipment Operator Training Branch
- ii) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred.

\_\_\_\_\_

\_\_\_\_\_

**21.0 ALTERNATIVE FUELS- (IF APPLICABLE)**

21.1 Please **state** if there are any alternative fuels offered in your product to assist in The City of Winnipeg Green Fleet Initiatives. If available, please state, type description, benefit, fuel savings, environmental benefits and the cost of the option.

- CNG Compressed Natural Gas
- Diesel Bio Blends
- Electric
- Other Alternative Fuels

\$ \_\_\_\_\_

\$ \_\_\_\_\_

\$ \_\_\_\_\_

\$ \_\_\_\_\_

# FORM O-

## DATA COLLECTION SHEET

**Successful Bidder will be required to complete all applicable fields**

<b>EQUIPMENT</b>		<b>DETAILS from VENDOR</b>
MAKE/MANUFACTURER	(e.g. Ford, Volvo, etc.)	
MODEL	Enter model (e.g. F-350)	
YEAR	(Enter model year)	
DISCRIPTION/TYPE		
FUEL TYPE	(e.g. gas, diesel, hybrid, propane)	
DIMENSION HEIGHT	(Overall height m)	
DIMENSION LENGTH	(Overall length m)	
DIMENSION WIDTH	(Overall width m)	
WEIGHT WET		
DELIVERY DATE	(Confirmed date)	
SUPPLIER/DEALER	(Name, phone number, and contact person)	
HOUR METER	(Upon delivery)	
V.I.N./ P.I.N. / SERIAL NUMBER		
ARRANGEMENT NUMBER (if applicable)		
CAB PROFILE	(HIGH OR LOW)	
KEY DOOR NUM		
KEY IGNITION NUM		
PAINT COLOUR	(Exterior colour)	
<b>SERVICE ITEMS</b>		<b>DETAILS from VENDOR</b>
ENGINE MAKE		
ENGINE MODEL		
ENGINE SERIAL NUMBER		
ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM)	
ENGINE DISPLACMENT	(In cubic inches and liters)	
CPL/FAMILY NUMBER		
ENGINE CYLINDERS	(Number of cylinders)	
ENGINE OIL REFILL CAPACITY	( in liters)	
ENGINE OIL FILTER PART #	(Number of filters and part numbers)	
ENGINE OIL TYPE and WEIGHT	(e.g. 15W40, regular or synthetic)	

ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
CAB AIR FILTER	(Part number, location, quantity )	
FUEL TANK CAPACITY/TYPE	(In liters) (CLEAR OR PURPLE)	
FUEL FILTER # PRIMARY	(Make, part number, and quantity)	
FUEL FILTER # SECONDARY	(Make, part number, and quantity)	
FUEL SEPARATOR	(Make, part number, and quantity)	
COOLANT TYPE	(Heavy-duty, extended life, or regular)	
COOLANT CAPACITY	(In liters)	
COOLANT FILTER #	(Part number)	
<b>DRIVE TRAIN</b>		<b>DETAILS from VENDOR</b>
TRANSMISSION MAKE	(Enter make & model)	
TRANSMISSION SERIAL #		
TRANSMISSION TYPE	(Hydrostatic, standard, automatic)	
TRANSMISSION FLUID CAPACITY	(in liters)	
TRANSMISSION FLUID TYPE	(Dextron III, synthetic, weight, etc.)	
TRANSMISSION FILTER(S)	(# of filters and part numbers; internal and external filters)	
TRANSMISSION FILTER KITS	(Gasket, o-ring, secondary filters etc.)	
TRANSMISSION COOLER	(Make and part number if applicable)	
TANDEM FLUID TYPE		
TANDEM FLUID CAPACITY	LEFT AND RIGHT	
FRONT DIFFERENTIAL MAKE		
FRONT DIFFERENTIAL MODEL		
FRONT DIFFERENTIAL SERIAL #		
FRONT DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
FRONT DIFFERENTIAL CAPACITY	(In liters)	
REAR DIFFERENTIAL MAKE		
REAR DIFFERENTIAL MODEL		
REAR DIFFERENTIAL SERIAL #		
REAR DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
REAR DIFFERENTIAL CAPACITY	(In liters)	
<b>TIRES/WHEELS/ETC.</b>		<b>DETAILS from VENDOR</b>
TIRE BRAND & TYPE	IE GOODYEAR RADIAL GOODYEAR BIAS PLY	

TIRE PLY & LOAD RATING		
TIRE SIZE FRONT		
TIRE SIZE REAR		
WHEEL NUT TORQUE	(lb-ft)	
WHEEL SPINDLE/HUB/ FINAL DRIVE OIL CAPACITY	(In liters)	
WHEEL SPINDLE/HUB/FINAL DRIVE FLUID TYPE	(e.g. 80w90, Dextron, synthetic)	
POWER STEERING CAPACITY	(In liters)	
POWER STEERING FLUID TYPE	(e.g. ATF or synthetic)	
POWER STEERING FILTER #	(Make, part number, quantity)	
BRAKE FLUID	(Type; Dot III, IV, V)	
BRAKE TYPE	(Hydraulic/air)	
<b>HYDRAULICS</b>		<b>DETAILS from VENDOR</b>
HYDRAULIC PUMP	(Make, model and capacity)	
HYDRAULIC MOTOR	(Make, model and capacity)	
HYDRAULIC TANK CAPACITY	(In liters)	
HYDRAULIC FLUID TYPE		
HYDRAULIC FILTER PRESSURE	(Filter number, screen numbers and quantity )	
HYDRAULIC FILTER RETURN	(Make, quantity and part number)	
HYDRAULIC SCREEN	(Make, quantity and part number)	
HYDRAULIC BREATHER	(Make, quantity and part number)	
<b>MISC. ITEMS</b>		<b>DETAILS from VENDOR</b>
ALTERNATOR	(Enter make, model, part #)	
ALTERNATOR AMPS	Integers only (e.g. 105, 125, etc.)	
BATTERY MAKE		
BATTERY MODEL/TYPE/GROUP		
BATTERY CCA		
BATTERY QTY.		
BATTERY VOLTAGE		
BELT A/C PART #	(Enter make and part number)	
BELT COMPRESSOR PART #		
BELT FAN PART #		
BELT ALTERNATOR PART #		
BELT STEERING	(V-belt or serpentine, quantity)	
BELT STEERING PART #		

BELT SERPENTINE		
BELTS OTHER		
AIR COMPRESSOR CFM	(e.g. 13.2, 15, 18)	
AIR COMPRESSOR MODEL	(Enter make and model)	
AIR COMPRESSOR PART #		
AIR DRYER	(Enter make and model)	
AIR DRYER PART/SERIAL #		
AIR DRYER DESCRIANT		
AIR DRYER FILTER	(part number)	
AIR CONDITIONING	(Type, 113 etc.)	
AIR CONDITIONING CAPACITY	(lbs)	
A/C RECEIVER DRYER PART #	(part, number)	
LIGHT BAR/BEACON	MAKE & MODEL	
SEAT STYLE, MAKE AND MODEL	KAB 700 SERIES, AIR, HEATED, HIGH BACK	
MOLDBOARD WIDTH		
FRONT WEIGHT KIT	(AG TRACTOR)	
PTO SPLINE COUNT		
AUTO GREASER MAKE & MODEL		
<b>SERVICE INTERVALS</b>		<b>DETAILS from VENDOR</b>
INITIAL OIL & FILTER CHANGE		
REGULAR ENG. OIL CHANGE		
TRANSMISSION SERVICE	(TRANS FLUID OR FLUSH AND FILTER)	
FUEL FILTER PRIMARY		
FUEL FILTER SECONDARY		
DIFFERENTIAL SERVICE		
FINAL DRIVES SERVICE		
HYDRAULIC SYSTEM SERVICE		
COOLING SYSTEM SERVICE	(FULL CHANGE AND ADDITIVES)	
WHEEL NUT TORQUE	(EVERY SERVICE, ONE A YEAR, EVERY ..... KMS)	
ONE TIME ADJUSTMENTS	(LIST)	
MAJOR ITEM ADJUSTMENTS TO ENGINE, DRIVETRAIN, ETC.)	(TIMING CHAIN, VALVE SET, ETC)	
LUBRICATION POINTS	(HOW OFTEN, WHICH POINTS)	



<b>PREDICTIVE MAINTENANCE ITEMS</b>	<b>Predictive maintenance (PdM)</b> techniques help determine the condition of in-service equipment in order to predict when maintenance should be performed. The ultimate goal of PdM is to perform maintenance at a scheduled point in time when the maintenance activity is most cost-effective and before the equipment loses performance.	<b>DETAILS from VENDOR (Intervals in hrs/kms)</b>

## FORM Q-SUSTAINABILITY QUESTIONNAIRE

### **Product Information**

(Yes/No)

#### **Product Sustainability: High Quality, Small Ecological Footprint**

1. Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.

Describe:

2. Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?

Describe:

3. Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.

Describe:

4. Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.

Describe:

### **Company Information**

#### **Energy and Climate: Reducing Energy Costs and Greenhouse Gas Emissions**

1. Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?

Describe:

2. Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?

Describe:

**Material Efficiency: Reducing Waste and Enhancing Quality**

1. Do you measure the total amount of solid waste generated from the facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

2. Have you set publicly available solid waste reduction targets? If yes, what are those targets?

Describe:

3. Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

4. Have you set publicly available water use reduction targets? If yes, what are those targets?

Describe:

**Natural Resources: Responsibly Sourced Raw Materials**

1. Have you established publicly available sustainability purchasing guidelines for your direct suppliers that address issues such as environmental compliance, employment practices and product safety?

Describe:

**Social Responsibility: Ensuring Responsible and Ethical Production**

1. Do you have a process for managing social compliance at the manufacturing level?

Describe:

2. Do you work with your supply base to resolve issues found during social compliance evaluations and also document specific corrections and improvements?

Describe:

3. Do you invest in community development activities in the markets you source from and/or operate within? \_\_\_\_\_

Describe:

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