

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 -Award by Item
1.	Ag Tractor- (Open Station- Replacing Unit # 315-7927 PW-PARKS SOUTH) Ag Tractor- (Open Station- Replacing Unit # 315-7958 PW-PARKS NORTH)	12002	(Each)	2	
2.	Ag Tractor- (Cab- Replacing Unit # 311-7961 PW-PARKS SOUTH)	12004	(Each)	1	
3.	Ag Tractor- (Cab- Replacing Unit # 315-7959 PW-PARKS NORTH DOWNTOWN)	12005	(Each)	1	

 Name of Bidder

FORM N: DETAILED SPECIFICATIONS 12002

(PW-PARKS SOUTH- Open Station Replacing Unit # 315-7927)

(PW-PARKS NORTH- Open Station Replacing Unit # 315-7958)

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE-

- 1.1 These specifications describe the **Supply and Delivery of Ag Tractors** and other equipment and features as specified herein.
- 1.2 The **Ag Tractors** shall be a new 2012 or 2013 model year or newer.
- 1.3 Shall be capable of consistent top performance for the Ag Tractor application in the City of Winnipeg in a Parks and Recreation environment. The Ag Tractor must come equipped with all associated hardware to accommodate the following attachments:
- 72" Rotary broom
 - 72" Rear 3 point hitch mount rotary mower
 - 15' Tow behind finishing mower
- 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 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 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)

[Canadian Motor Vehicle Safety Standards, CMVSS = http://www.gnb.ca/0062/regs/83-163.htm](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](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/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html](http://www.tc.gc.ca/acts-regulations/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](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](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.

3.0 SERVICE FACILITY-

- 3.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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

- 3.2 **State location:** _____

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

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

- 4.2 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.

- 4.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

5.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

- 5.1 The **bidder must be an authorized dealer of the Ag Tractors being bid** and shall have three (3) years continuous experience distributing and service Ag Tractors.

- 5.2 The **manufacture** shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

6.0 REFERENCE LIST-

6.1 The bidder shall provide three (3) Canadian references using similar equipment in similar working environments (Parks and Recreation) as Winnipeg Manitoba:

1. _____
2. _____
3. _____

7.0 SPECIFICATIONS-

ENGINE/DRIVELINE-

7.1	Engine	Make/Manufacturer, state-	_____
7.2	Engine	Model, state-	_____
7.3	Tier level	Tier 3 or 4	_____
7.4	Engine horsepower	Gross 47 horse power	_____
7.5	Engine Type	Diesel	_____
7.6	PTO horsepower	38 PTO horse power	_____
7.7	Tank Fuel Capacity	State capacity in gallons-	_____
7.8	Alternator	45-50 amp alternator	_____

TRANSMISSION/BRAKES/STEERING-

7.9	Transmission Type	Hydrostatic Transmission 4 wheel drive	_____
7.10	Brake Type	Wet Disc	_____
7.11	Steering Type	Hydrostatic Power Steering	_____

PTO-

7.12	PTO	Independent	_____
7.13	PTO Rear (RPM)	540 RPM	_____
7.14	Mid PTO	State if Mid PTO is available-	_____

HYDRAULICS-

7.15	Hydraulic Pump (gpm)	8 gpm or greater	_____
7.16	Total Flow (gpm)	State total flow-	_____
7.17	Hitch	Category-I (3) point hitch	_____
7.18	Hitch lift Capacity	2600 lbs or greater	_____

TIRES/

7.19	Tire Size Turf	Turf tires, state size, make and model-	_____
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OPERATING WEIGHTS-

7.20 Total Operating Weight Open Station (ROPS), **state-** _____

DIMENSIONS-

7.21 Overall length **State-** Overall length including 3 point hitch in inches _____

7.22 Wheelbase **State-** Wheelbase in inches _____

7.23 Height **State-** Height to top of Open Station (ROPS) in inches _____

7.24 Overall Width **State-** Overall Width in inches _____

GENERAL SPECIFICATIONS-

7.25 Air Cleaner Required _____

7.26 Hand and Foot Accelerator Required _____

7.27 Engine Warning Lights Required _____

7.28 Remote Control Valves Required (2 pairs) _____

7.29 Rear Working Lights Required _____

7.30 Adjustable Seats Required _____

7.31 Engine cold starting aid type Required _____

7.32 ROPS with seatbelt Required _____

7.33 Safety Flasher & Turn Signals Required _____

7.34 7 pin implement socket Required _____

WARRANTY-

7.35 Basic Coverage (Complete Machine) Warranty 2 years, 2000 hours _____

7.36 Power Train (Engine, Transmission) Warranty 5 years 2000 hours _____

7.37 Hydraulics Warranty (Hydraulics) Warranty 2 years, 2000 hours _____

7.38 Batteries Warranty (Batteries) Warranty 1 year _____

7.39 Tires Warranty (Tires) Warranty 1 year _____

7.40 Electrical Warranty (Electrical) Warranty 2 years, 2000 hours _____

8.0 **TRAINING-**

- 8.1 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.

- 8.2 Training Aides:

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

What is the recommended minimum training duration for:

Primary unit-

For major attachments (if applicable):

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

For the primary unit-

For major attachments (if applicable):

- 8.3 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

9.0 TECHNICAL SERVICE/PARTS MANUALS & OWNERS MANUALS-

9.1 **Two (2) sets** of technical service, parts manuals and owner's manuals are required, CD preferred

10.0 DELIVERY-

10.1 **Delivery Point-** The complete Ag Tractors 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.

10.2 **Delivery Time-** Within (6-8) 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. **State delivery time-**

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

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

FORM N: DETAILED SPECIFICATIONS 12004

(PW-PARKS SOUTH- Cab unit- Replacing Unit # 311-7961)

1.0 DESCRIPTION OF EQUIPMENT AND PERFORMANCE-

- 1.1 These specifications describe the **Supply and Delivery of Ag Tractors** and other equipment and features as specified herein.
- 1.2 The **Ag Tractors** shall be a new 2012 or 2013 model year or newer.
- 1.3 Shall be capable of consistent top performance for the Ag Tractor application in the City of Winnipeg in a Parks and Recreation environment. The Ag Tractor must come equipped with all associated hardware to accommodate the following attachments:
- 72" rotary broom
 - 72" rear 3 point hitch mount rotary mower.
 - 15' tow behind finishing mower
- 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)

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[Manitoba/Winnipeg Safety and Health Act, Parts 12, 22 = http://web2.gov.mb.ca/laws/statutes/ccsm/w210e.php](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](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.

3.0 SERVICE FACILITY-

- 3.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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

- 3.2 **State location:** _____

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

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

- 4.2 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.

- 4.4 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

5.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

- 5.1 The **bidder must be an authorized dealer of the Ag Tractors being bid** and shall have five (5) years continuous experience distributing and service Ag Tractors.
- 5.2 The **manufacture** shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

6.0 REFERENCE LIST-

- 6.1 The bidder shall provide three (3) Canadian references using similar equipment in similar working environments (Parks and Recreation) as Winnipeg Manitoba

1. _____
2. _____
3. _____

7.0 SPECIFICATIONS-

ENGINE/DRIVELINE-

7.1	Engine	Make/Manufacturer, state-	_____
7.2	Engine	Model, state-	_____
7.3	Tier level	Tier 3 or 4	_____
7.4	Engine horsepower	Gross 47 horse power	_____
7.5	Engine Type	Diesel	_____
7.6	PTO horsepower	38 PTO horse power	_____
7.7	Tank Fuel Capacity	State capacity in gallons-	_____
7.8	Alternator	45-50 amp alternator	_____

TRANSMISSION/BRAKES/STEERING-

7.9	Transmission Type	Hydrostatic Transmission 4 wheel drive	_____
7.10	Brake Type	Wet Disc	_____
7.11	Steering Type	Hydrostatic Power Steering	_____

PTO-

7.12	PTO	Independent	_____
7.13	PTO Rear (RPM)	540 RPM	_____
7.14	Mid PTO	State if Mid PTO is available-	_____

HYDRAULICS-

7.15	Hydraulic Pump (gpm)	8 gpm or greater	_____
7.16	Total Flow (gpm)	State total flow-	_____
7.17	Hitch	Category-I (3) point hitch	_____
7.18	Hitch lift Capacity	2600 lbs or greater	_____

TIRES/

7.19	Tire Size Turf	Turf tires, state size, make and model-	_____
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OPERATING WEIGHTS-

7.20	Total Operating Weight	Cab (ROPS) & Loader, state-	_____
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DIMENSIONS-

7.21	Overall length	State- Overall length including 3 point hitch in inches	_____
7.22	Wheelbase	State- Wheelbase in inches	_____
7.23	Height	State- Height to top of Cab (ROPS) in inches	_____
7.24	Overall Width	State- Overall Width in inches	_____

GENERAL SPECIFICATIONS-

7.25	Air Cleaner	Required	_____
7.26	Hand and Foot Accelerator	Required	_____
7.27	Engine Warning Lights	Required	_____
7.28	Remote Control Valves	Required (2 pairs)	_____

7.29	Rear Working Lights	Required	_____
7.30	Adjustable Seats	Required	_____
7.31	Engine cold starting aid type	Required	_____
7.32	ROPS with seatbelt	Required	_____
7.33	Safety Flasher & Turn Signals	Required	_____
7.34	7 pin implement socket	Required	_____

CAB-

7.35	(ROPS)	Required	_____
7.36	Heat and Air Conditioning	Required	_____
7.37	Roof Egress Point	Required	_____
7.38	Windshield Wipers Front	Required	_____
7.39	Windshield Wipers Rear	Required	_____
7.40	Rear Electric Defroster	Required	_____
7.41	AM/FM/CD	Required	_____
7.42	Cab Winter Insulation		_____

WARRANTY-

7.43	Basic Coverage	(Complete Machine) Warranty 2 years, 2000 hours	_____
7.44	Power Train	(Engine, Transmission) Warranty 5 years 2000 hours	_____
7.45	Hydraulics Warranty	(Hydraulics) Warranty 2 years, 2000 hours	_____
7.46	Batteries Warranty	(Batteries) Warranty 1 year	_____
7.47	Tires Warranty	(Tires) Warranty 1 year	_____
7.48	Electrical Warranty	(Electrical) Warranty 2 years, 2000 hours	_____

8.0 TRAINING-

8.1 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.

8.2 Training Aides:

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

What is the recommended minimum training duration for:

Primary unit-

For major attachments (if applicable):

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

For the primary unit-

For major attachments (if applicable):

8.3 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

9.0 TECHNICAL SERVICE/PARTS MANUALS & OWNERS MANUALS-

9.1 **Two (2) sets** of technical service, parts manuals and owner's manuals are required, CD preferred

10.0 DELIVERY-

10.1 **Delivery Point-** The complete Ag Tractors 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.

10.2 **Delivery Time-** Within (6-8) 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. **State delivery time-**

10.3 **Delivery Contact-** The Contractor shall contact the Contract Administrator

prior to delivery of the equipment.

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

FORM N: DETAILED SPECIFICATIONS 12005

(PW-PARKS NORTH DOWNTOWN- Cab unit- Replacing Unit # 315-7959)

1.0 **DESCRIPTION OF EQUIPMENT AND PERFORMANCE-**

- 1.1 These specifications describe the **Supply and Delivery of Ag Tractors** and other equipment and features as specified herein.
- 1.2 The **Ag Tractors** shall be a new 2012 or 2013 model year or newer.
- 1.3 Shall be capable of consistent top performance for the Ag Tractor application in the City of Winnipeg in a Parks and Recreation environment. The Ag Tractor must come equipped with all associated hardware to accommodate the following attachments:
- 60" Front mount snow blower
 - 72" rotary broom
 - 72" rear 3 point hitch mount rotary mower.
 - 15' tow behind finishing mower
- 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)

[Canadian Motor Vehicle Safety Standards, CMVSS = http://www.gnb.ca/0062/regs/83-163.htm](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](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/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html](http://www.tc.gc.ca/acts-regulations/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](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](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.

3.0 SERVICE FACILITY-

- 3.1 For the purpose of warranty repairs, the supplier shall have an authorized service facility located within 10 kilometres 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

3.2 **State location:** _____

4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

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

4.2 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.

4.3 **EACH BIDDER IS REQUIRED TO FILL IN EVERY BLANK. FAILURE TO DO SO MAY BE USED AS A BASIS FOR REJECTION OF BID**

5.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

5.1 The **bidder must be an authorized dealer of the Ag Tractors being bid** and shall have five (5) years continuous experience distributing and service Ag Tractors.

5.2 The **manufacture** shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

6.0 REFERENCE LIST-

6.1 The bidder shall provide three (3) Canadian references using similar equipment in similar working environments (Parks and Recreation) as Winnipeg Manitoba

1. _____
2. _____
3. _____

7.0 SPECIFICATIONS-

ENGINE/DRIVELINE-

7.1	Engine	Make/Manufacturer, state-	_____
7.2	Engine	Model, state-	_____
7.3	Tier level	Tier 3 or 4	_____
7.4	Engine horsepower	Gross 28-35 horse power	_____
7.5	Engine Type	Diesel	_____
7.6	PTO horsepower	20-25 PTO horse power	_____
7.7	Tank Fuel Capacity	State capacity in gallons-	_____
7.8	Alternator	45-50 amp alternator	_____

TRANSMISSION/BRAKES/STEERING-

7.9	Transmission Type	Hydrostatic Transmission 4 wheel drive	_____
7.10	Brake Type	Wet Disc	_____
7.11	Steering Type	Hydrostatic Power Steering	_____

PTO-

7.12	PTO	Independent	_____
7.13	PTO Rear (RPM)	540 RPM	_____
7.14	Mid PTO	Mid PTO	_____

HYDRAULICS-

7.15	Hydraulic Pump (gpm)	8 gpm or greater	_____
7.16	Total Flow (gpm)	State total flow-	_____
7.17	Hitch	Category-I (3) point hitch	_____
7.18	Hitch lift Capacity	2600 lbs or greater	_____

TIRES/

7.19	Tire Size Industrial	Industrial tires, state size, make and model-	_____
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OPERATING WEIGHTS-

7.20	Total Operating Weight	Cab (ROPS) & Loader, state-	_____
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DIMENSIONS-

7.21	Overall length	State- Overall length including 3 point hitch in inches	_____
7.22	Wheelbase	State- Wheelbase in inches	_____
7.23	Height	State- Height to top of Cab (ROPS) in inches	_____
7.24	Overall Width	State- Overall Width in inches	_____

GENERAL SPECIFICATIONS-

7.25	Air Cleaner	Required	_____
7.26	Hand and Foot Accelerator	Required	_____
7.27	Engine Warning Lights	Required	_____
7.28	Remote Control Valves	Required (2 pairs)	_____
7.29	Rear Working Lights	Required	_____
7.30	Adjustable Seats	Required	_____

7.31	Engine cold starting aid type	Required	_____
7.32	ROPS with seatbelt	Required	_____
7.33	Safety Flasher & Turn Signals	Required	_____
7.34	7 pin implement socket	Required	_____

CAB-

7.35	(ROPS)	Required	_____
7.36	Heat and Air Conditioning	Required	_____
7.37	Roof Egress Point	Required	_____
7.38	Windshield Wipers Front	Required	_____
7.39	Windshield Wipers Rear	Required	_____
7.40	Rear Electric Defroster	Required	_____
7.41	AM/FM/CD	Required	_____
7.42	Cab Winter Insulation		_____

WARRANTY-

7.43	Basic Coverage	(Complete Machine) Warranty 2 years, 2000 hours	_____
7.44	Power Train	(Engine, Transmission) Warranty 5 years 2000 hours	_____
7.45	Hydraulics Warranty	(Hydraulics) Warranty 2 years, 2000 hours	_____
7.46	Batteries Warranty	(Batteries) Warranty 1 year	_____
7.47	Tires Warranty	(Tires) Warranty 1 year	_____
7.48	Electrical Warranty	(Electrical) Warranty 2 years, 2000 hours	_____

8.0 TRAINING-

8.1 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.

8.2 Training Aides:

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

What is the recommended minimum training duration for:

Primary unit-

For major attachments (if applicable):

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

For the primary unit-

For major attachments (if applicable):

8.3 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

9.0 **TECHNICAL SERVICE/PARTS MANUALS & OWNERS MANUALS-**

9.1 **Two (2) sets** of technical service, parts manuals and owner's manuals are required, CD preferred

10.0 **DELIVERY-**

10.1 **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.

10.2 **Delivery Time-** Within (6-8) 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. **State delivery time-**

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

10.4 **P.D.I-** A pre-delivery inspection shall be performed by the Contractor on the

equipment. Proof upon inspection including completed check list

FORM O-PREVENTATIVE MAINTENANCE SCHEDULE

Make: _____

Model: _____

Year: _____

Service/Parts Contact info: _____

PM Checklist and Adjustments

Please fill in all applicable areas and add any missing service intervals or component part numbers that are applicable to the supplied unit.

All items required to maintain warranties must be listed.

Description:	Capacity:	Type:	Description:	Capacity:	Type:
Engine Oil	Litres		Transmission	Litres	
Cooling System	Litres		Transfer Case	Litres	
Hydraulic Tank	Litres		Hydraulic System	Litres	
A/C Refrigerant	Lbs	R-134a	Brake Reservoir	Litres	
Fuel System	Litres		Differential (Front)	Litres	
Final Drives	Litres		Differential (Rear)	Litres	

Type of Filter:	OEM:	Wix:	Purolator:	Fram:	Baldwin:	Fleetguard:
Engine Oil						
Air Primary						
Air Secondary						
Primary Fuel						
Secondary Fuel Filter						
Cab Air Filter						
Hydraulic (pressure)						
Hydraulic (return)						
Transmission						
A/C Belt						
Alt Belt						
Water Pump Belt						
Serpentine Belt						

Make _____

Model: _____

Year: _____

Item	Recommended Service Intervals. Kms/Hours	Comments
List any one time services		
List any one time adjustments		
List regular Adjustments		
Initial Oil and Filter Change		
Engine Valve Lash and Fuel Injector, Timing Check.		
Engine Oil and Filter Changes and/or Oil Sample Intervals		
Lubrication Points and Intervals		
Transmission Filter/Screens- Replace/Clean and/or Obtain Oil Sample		
Primary Fuel Filter (Replace)		
Secondary Fuel Filter (Replace)		
Differential Oil Sample (Front)		
Final Drive Oil Sample (front)		
Hydraulic Filter (Replace and Obtain Oil Sample)		
Front Differential Fluid (Change)		
Rear Differential Fluid (Change)		
Differential Vents		
Transmission Oil (Change)		
Clean Transmission Magnetic Screen		

Make _____

Model:

Year:

Item	Recommended Service Intervals Kms/Hours	Comments
Change Final Drive Oil (Front)		
Clean Engine Crankcase Breather		
Hydraulic System Oil (Change)		
Engine Valve Lash and Fuel Inj. Timing (Check)		
Cooling system Water Temperature Regulator (Replace)		
Cooling System Coolant Extender (ELC)-Add		
Cooling System		
Wheel nut Torque and Intervals		
Check wheel Nut torque At Every service interval		
Refrigerant dryer (Replace)		

FORM P-DATA COLLECTION SHEET FOR W.F.M.A

UNIT NUMBER		
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ITEMS		DETAILS FROM VENDOR
MAKE/MANUFACTURER	(e.g. Ford, Volvo, etc.)	
MODEL	Enter model (e.g. F-350)	
YEAR	(Enter model year)	
DISCRIPTION/TYPE	(e.g. Truck, snow blower, mower, tractor)	
FUEL TYPE	(e.g. gas, diesel, hybrid, propane)	
RATED FUEL CONSUMPTION	(L/100 km, L/hr, etc.)	
GVWR	(In pounds [lbs.] and kilograms)	
GAWR FRONT		
GAWR REAR		
GCWR		
DIMENSION HEIGHT	(Overall height m)	
DIMENSION LENGTH	(Overall length m)	
DIMENSION WIDTH	(Overall width m)	
WHEELBASE		
DELIVERY DATE	(Confirmed date)	
SUPPLIER/DEALER	(Name, phone number, and contact person)	
ODOMETER/HOUR METER	(Upon delivery)	
V.I.N. NUMBER		
SERIAL NUMBER (if applicable)		
CAB CONFIGURATION	(Regular, Extended, Crew)	
M.G.I NUMBER (if applicable)		
KEY DOOR NUM		
KEY IGNITION NUM		
PAINT CODE	(Exterior colour)	
PAINT COLOUR	(Exterior colour)	
PAINT TRIM CODE	(Interior code #/colour)	
ITEMS	SERVICE ITEMS	DETAILS FROM VENDOR
ENGINE MAKE		
ENGINE MODEL		
ENGINE SERIAL NUMBER		
ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM)	

ENGINE DISPLACEMENT	(In cubic inches and litres)	
CPL NUMBER		
ENGINE CYLINDERS	(Number of cylinders)	
ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
ENGINE OIL FILTER PART NUMBER	(Number of filters and part numbers)	
ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
CAB FILTER	(Part number and location)	
FUEL TANK CAPACITY	(In litres)	
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 litres)	
COOLANT FILTER NUMBER	(Part number)	
TRANSMISSION		DETAILS FROM VENDOR
TRANSMISSION MAKE	(Enter make & model)	
TRANSMISSION SERIAL NUMBER		
TRANSMISSION TYPE	(Hydrostatic, standard, automatic)	
TRANSMISSION FLUID CAPACITY	(in litres)	
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)	
FRONT DIFFERENTIAL		DETAILS FROM VENDOR
DIFFERENTIAL MAKE		
DIFFERENTIAL MODEL		
DIFFERENTIAL SERIAL #		
DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
DIFFERENTIAL CAPACITY	(In litres)	
REAR DIFFERENTIAL		DETAILS FROM VENDOR
DIFFERENTIAL MAKE		

DIFFERENTIAL MODEL		
DIFFERENTIAL SERIAL #		
DIFFERENTIAL OIL TYPE	(e.g. 80W90, synthetic)	
DIFFERENTIAL CAPACITY	(In litres)	
TIRES/WHEELS/ETC.		DETAILS FROM VENDOR
TIRE MANUFACTURER & BRAND		
TIRE SIZE FRONT		
TIRE SIZE REAR		
WHEEL NUT TORQUE	(lb-ft)	
WHEEL NUT RE-TORQUE INTERVAL		
FINAL DRIVE/HUB	(Oil type and capacity)	
WHEEL SPINDLES OIL CAPACITY	(In litres)	
WHEEL SPINDLES FLUID TYPE	(e.g. 80w90, Dextron, synthetic)	
POWER STEERING CAPACITY	(In litres)	
POWER STEERING FLUID TYPE	(e.g. ATF or synthetic)	
POWER STEERING FILTER #	(Make, part number, quantity)	
BRAKE FLUID	(Type)	
BRAKE TYPE	(Hydraulic/air)	
MISC. ITEMS		DETAILS FROM VENDOR
ALTERNATOR	(Enter make, model, part #)	
ALTERNATOR AMPS	Integers only (e.g. 105, 125, etc.)	
BATTERY MAKE		
BATTERY MODEL		
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 #		
BELTS OTHER		

COMPRESSOR CFM	(e.g. 13.2, 15, 18)	
COMPRESSOR MODEL	(Enter make and model)	
COMPRESSOR PART #		
AIR DRYER	(Enter make and model)	
AIR DRYER PART/SERIAL #		
AIR DRYER DESCRIANT		
AIR DRYER FILTER	(part number)	
AUX. HEATER TYPE	(Diesel, electric, etc.)	
AUX. HEATER MAKE		
AUX. HEATER MODEL		
AIR CONDITIONING	(Type, 113 etc.)	
AIR CONDITIONING CAPACITY	(lbs)	
A/C RECEIVER DRYER PART #	(part, number)	
ATTACHMENT ITEMS	(Construction equipment)	DETAILS FROM VENDOR
SKID SHOE	(part number)	
STINGER BLADES	(part number)	
STINGER TEETH	(Quantity and part number)	
BUCKET TEETH	(Quantity and part number)	
CUTTING TOOTH		
CLAM BUCKET BLADE	(Dimensions and part number)	
UTILITY BUCKET BLADE	(Dimensions and part number)	
BOX SCRAPER BLADE	(Dimensions and part number)	
BUCKET CAPACITY		
BUCKET BLADES AND SIDES	(Quantity and part number)	
GRADER BLADES	(part number)	
GRADER ICE BLADES	(Part number)	
WING BLADES	(Part number)	
BODY UNIT ITEMS		DETAILS FROM VENDOR
BODY SUPPLIER	(Name and contact number)	
BODY TYPE		
BODY MAKE		
BODY MODEL		
BODY SERIAL NUMBER		
BOX SIZE	(Length and/or capacity)	

HYDRAULICS		DETAILS FROM VENDOR
HYDRAULIC PUMP	(Make, model and capacity)	
PTO	(Make, model and shift type)	
HYDRAULIC TANK CAPACITY	(In litres)	
HYDRAULIC FILTER NUMBER	(Filter number and screen numbers)	
HYDRAULIC FLUID TYPE	(e.g. N22, synthetic)	
HYDRAULIC FILTER	(Make, quantity and part number)	
HYDRAULIC SCREEN	(Make, quantity and part number)	
HYDRAULIC BREATHER	(Make, quantity and part number)	
HYDRAULIC SPINNER		
HYDRAULIC SPINNER MAKE		
HYDRAULIC SPINNER MODEL		
HYDRAULIC SPINNER SERIAL #		
CONVEYOR MOTOR MAKE		
CONVEYOR MOTOR MODEL		
CONVEYOR MOTOR SERIAL #		
CYCLE TIME DOWN		
CYCLE TIME UP		
SANDER/DUMP CONTROLS:		DETAILS FROM VENDOR
CONTROL SYSTEM MAKE		
CONTROL SYSTEM MODEL		
CONTROL SYSTEM SERIAL #		
CONTROL SYSTEM PART #		
CONVEYOR CHAIN	(Length and part #)	
SENSORS	(Part #s)	
CALCIUM PUMP MAKE		
CALCIUM PUMP MODEL		
CALCIUM PUMP SERIAL #		
CALCIUM PUMP CAPACITY		
UNIT ITEMS	ATTACHMENT(S)	DETAILS FROM VENDOR
TYPE	(e.g. snow blower, mower, spreader, etc.)	
MAKE/ MANUFACTURER	(e.g. John Deere, Colpron, etc.)	
MODEL		

YEAR	(Enter year manufactured)	
AUX. ENGINE	(Make and model)	
AUX. ENGINE DISPLACEMENT	(In cubic inches and litres)	
AUX. ENGINE SERIAL #		
SUPPLIER/DEALER	(Name, phone number, and contact person)	
FUEL TYPE	(e.g. gas, diesel, propane)	
ODOMETER/HOUR METER		
AUX. ENGINE HORSE POWER	(Enter as xxx H.P. @ xxxx RPM)	
AUX. ENGINE CYLINDERS	(Number of cylinders)	
AUX. ENGINE OIL CAPACITY	(Capacity with filter, in litres)	
AUX. ENGINE OIL FILTER PART #	(Number of filters and part number)	
AUX. ENGINE OIL TYPE	(e.g. 15W40, regular or synthetic)	
AUX. ENGINE AIR FILTER (PRI)	(Make, part number, quantity)	
AUX. ENGINE AIR FILTER (SEC)	(Make, part number, quantity)	
HYDRAULICS	ATTACHMENT(S)	DETAILS FROM VENDOR
HYDRAULIC DRIVE MAKE	(Enter make & model)	
HYDRAULIC DRIVE MODEL		
HYDRAULIC DRIVE SERIAL #		
HYDRAULIC DRIVE TYPE	(Hydrostatic, standard, automatic)	
HYDRAULIC DRIVE FLUID CAPACITY	(in litres)	
HYDRAULIC DRIVE FLUID TYPE	(Dextron III, synthetic, etc.)	
HYDRAULIC DRIVE FILTER(S)	(# of filters and part numbers; internal and external filters where applicable)	
HYDRAULIC DRIVE COOLER	(Part number if applicable)	
HYDRAULIC BREATHER CAP	(Part number if applicable)	
SWEEPER		DETAILS FROM VENDOR
BROOM SEGMENTS	(part #)	
WATER FILTER	(part #)	
WEAR PLATES	(part #)	
ROLLERS	(part #)	
SKID SHOES	(part #)	

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:
