

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF GOLF SERVICES EQUIPMENT

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)

Email Address of Bidder

Facsimile Number

Street or P.O. Box

City

Province

Postal Code

(Choose one)

GST Registration Number (if applicable)

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/she 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 thirty (30) 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 B9)

SUPPLY & DELIVERY OF GOLF SERVICES EQUIPMENT

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Used Out-front Rotary Mowers	13031	(Each)	2	
2.	Used Trim Mowers	13032	(Each)	2	
3.	Used Contour Rotary Deck Mowers	13033	(Each)	4	
4.	Used Greens Mower	13034	(Each)	1	
5.	Used Heavy Duty Work Utility Vehicle	13035	(Each)	4	
6.	Used Greens Rollers	13036	(Each)	2	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 13031

(Out-Front Rotary Mowers)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe used Out-Front Mowers and other equipment and features as specified herein.
- 1.2 The used Out-Front Mowers shall be used equipment no older than 2008 model year and have approximately 1200 hours on the equipment.
- 1.3 The used Out-Front Mowers and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 used Out-Front Mowers and attachments shall comply with the applicable regulations:

Canadian Standards Association CSA

Safe Manitoba = www.safemanitoba.com/wsh-regulations

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

Society of Automotive Engineers, SAE =
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

American National Standards [Institute \(ANSI B71-4 – 1999\)](#) and [European Community specifications \(CE Certified\)](#).

- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg

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 for basis for rejection of bid.

5.0 FUEL-

- 5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

- 6.1 The manufacturer of the Out-Front Mowers and associated attachments shall have five (5) years continuous experience manufacturing Out-Front Mowers and associated attachments.
- 6.2 The manufacturer 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.

7.0 MAKE & MODEL-

- 7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS- Out-Front Mower

- 8.1 Engine Type- Diesel _____
- 8.2 Horse Power- 25-30 horsepower _____
- 8.3 Cylinders- (3) cylinders _____
- 8.4 Torque- **State-** _____
- 8.5 Fuel Capacity- 16 US gal. _____
- 8.6 Cooling- Liquid _____
- 8.7 Cooling Capacity- Approximately 7.5 U.S. qt. _____
- 8.8 Air Cleaner- Dual element dry type _____
- 8.9 Air Restriction Indicator- Required _____
- 8.10 Alternator- **State** amps- _____
- 8.11 Battery- 12 Volt _____
- 8.12 Power Train- Hydrostatic _____

8.13	4-Wheel Drive-	Full Time	_____
8.14	Differential Lock-	Required	_____
8.15	Brakes-	Disc	_____
8.16	Steering-	Hydraulic	_____
8.17	Tire Size-	Two front traction drive tires-23 x 9.5-12 with demountable rims. Two rear steering tires 18 x 6.5-8 or 23 X 10.5 -12 front tires and 18 X 8.5-10 rear tires	_____
8.18	ROPS-	Roll Over Protection System required	_____
8.19	Ground Clearance-	6.5"	_____
8.20	Weight-	1400 – 1900 lbs.	_____
8.21	Mower Deck-	Rear Discharge	_____
8.22	Deck Thickness-	One piece stamped steel 7 gauge	_____
8.23	Cutting width-	72"	_____
8.24	Cutting Height-	State-	_____
8.25	Caster Wheels-	Pneumatic	_____
8.26	Tool/storage box-	Required to permit storage of hand tools and operator's manual.	_____
8.27	Warning Triangle-	Slow-moving vehicle warning triangle fastened to rear of tractor	_____
8.28	Safety Light Bar-	Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting.	_____
8.29	Slow moving Sign-	Required and installed	_____
8.30	First Aid Kit & Fire Extinguisher-	First aid kit and (5) lbs. Fire extinguisher Required and installed	_____
8.31	Optional Parts Pricing-	Complete set of all tires, rollers, wheels and scalping rollers, complete with applicable rims for tractor and mower deck offered, shall come complete with bushings ready for installation and or use. State-	\$ _____
8.32	Leaf/Grass Catcher-	If available state optional price on a Leaf/Grass Catcher installed at a later date.	\$ _____

8.33	Debris Blower	If available state optional price on a Debris blower installed at a later date.	\$ _____
8.34	Rotary Broom	If available state optional price on a Rotary broom installed at a later date.	\$ _____
8.35	Snow Blower	If available state optional price on a a two stage, 50-55", snow blower with replaceable cutting edge, hydraulic chute rotation and electric chute deflection installed at a later date.	\$ _____
8.36	V-Plow	If available state optional price on a 48" V-plow installed at a later date.	\$ _____

9.0 MANUALS-

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

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

a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch _____

b) Parts and service manuals – one (1) complete set including Preventative maintenance schedules. CDs are preferred. _____

10.0 WARRANTY-

10.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

11.0 TRAINING-

11.1 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 half (1/2) business days for maintenance personnel and half (1/2) 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.

Training Aides:

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

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793

Contact e-mail: lguertin@winnipeg.ca

12.0 **DELIVERY-**

- 12.1 **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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order.
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- 12.2 **Delivery Time-** Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only.
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- 12.3 **Delivery Contact-** The Contractor shall contact the Contract Administrator prior to delivery of the equipment.

- 12.4 **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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FORM N: DETAILED SPECIFICATIONS 13032

(Trim Mowers)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe used Trim Mowers and other equipment and features as specified herein.
- 1.2 The used Trim Mowers shall be used equipment no older than 2008 model year and have approximately 1200 hours on the equipment.
- 1.3 The used Trim Mowers and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 used Trim Mowers and attachments shall comply with the applicable regulations:

Canadian Standards Association CSA

Safe Manitoba = www.safemanitoba.com/wsh-regulations

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

Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).
- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg.

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 for basis for rejection of bid.

5.0 FUEL-

- 5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

- 6.1 The manufacturer of the Trim Mowers and associated attachments shall have five (5) years continuous experience manufacturing Trim Mowers and associated attachments.
- 6.2 The manufacturer 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.

7.0 MAKE & MODEL-

- 7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS- Trim Mowers

- 8.1 Engine- Liquid-cooled diesel, 3-cylinder, 20-25 hp _____
- 8.2 Configuration- Front or Rear mounted engine, front operator position. Rear mounted radiator. Two post ROPS and seat belt standard. _____
- 8.3 Fuel Capacity- Approximately 25 -28 liters _____
- 8.4 Traction Drive- Hydraulic traction circuit with continuous 3-wheel drive in mow and transport. Hydrostatic traction drive to provide infinitely variable speed in forward and reverse. (20-25 liter) hydraulic system capacity. _____
- 8.5 Ground Speed- Mow: (0-10 km/h), Transport, (0-14 km/h); Reverse, (0-6 km/h). _____
- 8.6 Controls- Forward and reverse traction control pedals, mow/transport lever, hand of foot activated park brake, ignition key switch, tilt steering wheel lock, PTO switch, throttle, joystick control for cutting unit raise and lower, cutting unit transport lock, reel speed and back-lap control knob. _____

8.7	Gauges-	Non-resettable hour meter, fuel gauge, cluster gauge with glow plug and charge indicator lights, and low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).	_____
8.8	Electrical	12-volt, 550-600 cold cranking amps. Traction pedal, operator presence in seat, PTO engage or disengage, and cutting unit mow or transport safety interlock switches.	_____
8.9	Tires-	Front: 20 x 10-12, 4-ply or 24 x 12-12, Turf Trac. Rear: 20 x 12-10 or 24 x 12-12	_____
8.10	Frame-	Formed steel, welded steel and steel tubing.	_____
8.11	Brakes-	Hydrostatic service brake, parking brake.	_____
8.12	Steering-	Power steering with tilt steering wheel.	_____
8.13	Dimensions-	Track Width approximately 55"-68", state- Height 71-83"" approximately with ROPS, state- Wheelbase approximately 56"-60", state- Transport Width 72"-80", state- Length approximately 93"-110", state- Weight 1800-2600 lbs., state-	_____ _____ _____ _____ _____ _____
8.14	Cut Configuration	Fixed position cutting units.	_____
8.15	Cutting Off-Set	State-	_____
8.16	Cutting Units-	Three hydraulically driven, balanced, 7" diameter reels. Cutting units interchangeable to all three positions.	_____
8.17	Reel blades-	State number of blades-	_____
8.18	Cut Height-	Height of cut ranges .25" to 2" in floating position, 1.5" to 2.5" in fixed position.	_____
8.19	Cut Width-	72" or 84-85" width of cut dependent on cutting unit selection.	_____
8.20	Clip Frequency-	Manually controlled variable reel speed for adjustment of clip frequency. Standard on-board back-lapping.	_____
8.21	Adjustment-	Bed-knife to Reel adjustment dual point adjustment of Bed-knife to reel.	_____
8.22	Rollers-	Full roller on rear of cutting unit and plastic or metal front roller.	_____

8.23	Sunshade-	Required	
8.24	Safety Light Bar-	Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting.	

8.25	Slow moving Sign-	Required and installed	
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8.26	First Aid Kit & Fire Extinguisher-	First aid kit and (5) lbs. Fire extinguisher Required and installed	
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9.0 MANUALS-

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

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

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

10.0 WARRANTY-

10.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information.

11.0 TRAINING-

11.1 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 half (1/2) business days for maintenance personnel and half (1/2) 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.

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):

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793

Contact e-mail: lguertin@winnipeg.ca

12.0 **DELIVERY-**

12.1 **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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order.

12.2 **Delivery Time-** Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only.

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

12.4 **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 13033

(Contour Rotary Deck Mowers)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe used Contour Rotary Deck Mowers and other equipment and features as specified herein.
- 1.2 The used Contour Rotary Deck Mowers shall be used equipment no older than 2008 model with approximately 1200 hours on the equipment.
- 1.3 The used Contour Rotary Deck Mowers and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 Contour Rotary Deck Mowers and attachments shall comply with the applicable regulations:
- Canadian Standards Association CSA
- Safe Manitoba = www.safemanitoba.com/wsh-regulations
- Under Writers of Canada, U/L = <http://www.ulc.ca/>
- Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers
- American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).
- Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast.
- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg

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 for basis for rejection of bid.

5.0 FUEL-

5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

6.1 The manufacturer of the Contour Rotary Deck Mowers and associated attachments shall have five (5) years continuous experience manufacturing Contour Rotary Deck Mowers and associated attachments.

6.2 The manufacturer 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.

7.0 MAKE & MODEL-

7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS- Contour Rotary Deck Mowers

8.1 Engine- 30-37 hp turbo-charged, liquid-cooled, 3-cylinder, diesel engine _____

8.2 Fuel Capacity- 40-45 liters _____

8.3 Configuration- Rear mounted engine, front operator position. Two post ROPS, seat belt and slope indicator sidewinder cutting unit system. _____

8.4 Traction Drive- 3-wheel drive in mow and transport, hydrostatic, closed-loop transmission to provide infinitely variable ground speed in forward and reverse. Variable displacement piston type pump. _____

8.5 Ground Speed- Mow: (0-10 km/h), Transport: (0-14km/h); Reverse (0-6 km/h). _____

8.6 Clearance 6" _____

8.7	Controls-	Forward and reverse traction control pedals; mow/transport foot lever; hand activated parking break; hand operated ignition key switch; tilt steering wheel lock; PTO switch; throttle; joystick control for deck raise and lower as well as moving decks side-to-side; cutting deck transport lock.	<hr/>
8.8	Gauges-	Fuel gauge, engine coolant temperature gauge, and hour meter. Light cluster with glow plug and charge indicator lights, amp, low engine oil pressure and high coolant temperature warning lights (high temperature safety shut off).	<hr/>
8.9	Electrical-	Traction pedal, operator presence in seat, PTO engage or disengage, and cutting deck mow or transport safety interlock switches. Parking break set prohibits movement through traction pedal. 40 amp alternator and 12-volt, 550-600 CCA battery.	<hr/>
8.10	Hydraulics-	Hydraulic pump to wheels or open center, manual valves, gear pump hydraulic system. System capacity approximately 13-37 liter reservoir.	<hr/>
8.11	Steering-	Hydraulic power steering, tilt wheel.	
8.12	Tires/Wheels-	20 x 12-10, 4-ply rating or 24 x12-12 Turf Trac front tires, 20 x 10-10, 4-ply rating or 24 x12-12, Turf Trac rear tires.	<hr/>
8.13	Brakes-	Dynamic through hydrostatic transmission service brake. Hand actuated over center, drum type parking brake or foot activated parking brake	<hr/>
8.14	Seat-	Seat with adjustable suspension	<hr/>
8.15	Work Lights-	Required	<hr/>
8.16	Dimensions-	Height approximately 71"-83" w/ROPS, state-	<hr/>
		Length approximately 116" -123", state-	<hr/>
		Width approximately 72"-76.5", state-	<hr/>
		Wheelbase approximately 59.5"-60", state-	<hr/>
		Weight approximately 2200 to 2700 lbs. with cuttingunits, state-	<hr/>
8.17	Cutting Decks-	3 Contour 27 " rear-discharge rotary with rear roller on each deck. Sidewinder system allows all three decks to slide right and left 12" of center, 24" total travel or allow either front deck to Slide outwards up to 15"	<hr/>

8.18	Width of Cut-	68"-74", deck overhang for trimming is 12" at 68" width of cut and 14" at 72". Overlap: 6.5" at standard width of cut.	_____
8.19	Height of Cut-	1"-4" in 0.25" increments.	_____
8.20	Mowing Rate-	Mow up to 4.1 acres/h at 6 mph (10 km/h) (assumes no overlap or stops).	_____
8.21	Material-	10-gauge steel constructed chambers with 12-gauge welded reinforcements. 1.5" square x .25" (.6 cm) wall tube with 7-gauge side supports. Spindle support 3/16" (.48 cm) high-strength steel and 10-gauge exterior channels.	_____
8.22	Spindle-	Cast iron spindle housing. Dual grease-able Or sealed tapered roller bearings. 1.25" diameter solid cold finished steel spindle shaft. Splined connection between spindle shaft and pulley. Welded blade retainer plus anti-scalp cups.	_____
8.23	Anti-Scalp-	6" anti-scalp cups on each blade.	_____
8.24	Mulching kit-	Required	_____
8.25	Sunshade	Required	_____
8.26	Safety Light Bar-	Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting.	_____
8.27	Slow moving Sign-	Required and installed	_____
8.28	First Aid Kit & Fire Extinguisher-	First aid kit and (5) lbs. Fire extinguisher Required and installed	_____

9.0 MANUALS-

- 9.1 The following manuals shall be supplied with the units when delivered:
- a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch) _____
 - b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred. _____

10.0 WARRANTY-

- 10.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

11.0 **TRAINING-**

- 11.1 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 half (1/2) business days for maintenance personnel and half (1/2) 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.

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):

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793
Contact e-mail: lguertin@winnipeg.ca

12.0 DELIVERY-

12.1 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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order.

12.2 Delivery Time- Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only.

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

12.4 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 13034

(Greens Mower)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe a used Greens Mower and other equipment and features as specified herein.
- 1.2 The used Greens Mower shall be used equipment no older than 2008 model year and have approximately 1200 hours on the equipment.
- 1.3 The used Greens Mowers and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 used Greens Mower and attachments shall comply with the applicable regulations:

Canadian Standards Association CSA

Safe Manitoba = www.safemanitoba.com/wsh-regulations

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

Society of Automotive Engineers, SAE =
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).

Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast.
- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg.

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 for basis for rejection of bid.

5.0 FUEL-

5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

6.1 The manufacturer of the Greens Mower and associated attachments shall have five (5) years continuous experience manufacturing Greens Mowers and associated attachments.

6.2 The manufacturer 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.

7.0 MAKE & MODEL-

7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS- Greens Mower

8.1 Engine- 19-25 HP 3-cylinder, liquid cooled, diesel engine
Radiator: cooled with a 12-volt electric fan _____

8.2 Fuel Capacity- 20-25 liters _____

8.3 Configuration- Rear mounted engine, front operator position.
Two post ROPS, seat belt _____

8.4 Traction Drive- 2WD parallel hydrostatic, foot pedal forward and
reverse; infinitely variable. _____

8.5 Ground Speed- Forward-mowing speed is variable from 0-8 km/h,
adjusted by stop on pedal mechanism. Mow speed
setting does not affect transport speed. Transport
speed is 16.1 km/h. Reverse speed 3 45 km/hr _____

8.6 Clearance 4-5" _____

8.7	Controls-	Ignition: Off/Run/Start. Throttle: Low - High Idle. Choke (AC only): Open /Closes choke plate. Parking Brake: Off - On. Traction Pedal: Rev/ Neutral/Forward. Joystick: Raises/lowers reels. Functional Control Lever sets neutral/mow/transport limits for traction pedal. Diagnostic Light: Indicates system faults to assist in resolving issues	_____
8.8	Gauges-	Fuel and hydraulic sight gauges, hour meter. Low oil pressure warning light, alternator warning light (on if not charging), glow plug indicator, high engine temperature.	_____
8.9	Electrical-	Maintenance-free 12-volt battery with 550-600 cold cranking amps, 60 amp alternator, ignition switch/key. Seat switch. High temperature engine shut down. Harness terminals, fuse slot, and console switch location for lights.	_____
8.10	Hydraulics-	State-	_____
8.11	Steering-	Power steering.	_____
8.12	Tires/Wheels-	Three, 19 x 10.5 x 8 or 18 x 10.5-10, 4-ply rating pneumatic tubeless and demountable. Smooth tread. Tire pressure recommended: 12 - 18 psi front and rear.	_____
8.13	Brakes-	Foot Pedal or Hand-actuated parking brake lever with two 6" diameter drum brakes mounted on the frontwheel motors.	_____
8.14	Seat-	Seat with adjustable suspension	_____
8.15	Work Lights-	Required	_____
8.16	Dimensions-	Wheel Tread approximately 40"-50.5", state- Wheel Base approximately: 48.6"-51", state- Length: approximately 98", state- Width: approximately 66"-71", state- Height: approximately 77"-81", state- Weight approximately 1200-1450 lbs., state-	_____ _____ _____ _____ _____
8.17	Width of Cut-	width of cut 59"	_____
8.18	Back-lapping-	Required	_____
8.19	Verticutter-	Required.	_____

8.20 Safety Light Bar- Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting. _____

8.21 Slow moving Sign- Required and installed _____

8.22 First Aid Kit & Fire Extinguisher- First aid kit and (5) lbs. Fire extinguisher Required and installed _____

9.0 MANUALS-

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

a) Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch) _____

b) Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred. _____

10.0 WARRANTY-

10.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

11.0 TRAINING-

11.1 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 half (1/2) business days for maintenance personnel and half (1/2) 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. _____

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): _____

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793
Contact e-mail: lguertin@winnipeg.ca _____

12.0 DELIVERY-

- 12.1 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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order. _____
- 12.2 Delivery Time- Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only. _____
- 12.3 Delivery Contact- The Contractor shall contact the Contract Administrator prior to delivery of the equipment.
- 12.4 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 13035

(Heavy Duty Utility Vehicle)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe used Heavy Duty Utility Vehicles and other equipment and features as specified herein.
- 1.2 The used Heavy Duty Utility Vehicles shall be used equipment no older than 2008 model year and have approximately 1200 hours on the equipment.
- 1.3 The used Heavy Duty Utility Vehicles and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 used Heavy Duty Utility Vehicles and attachments shall comply with the applicable regulations:

Canadian Standards Association CSA

Safe Manitoba = www.safemanitoba.com/wsh-regulations

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

Society of Automotive Engineers, SAE =
http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

American National Standards Institute (ANSI B71-4 – 1999) and European Community specifications (CE Certified).

Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast.

- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg.

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 for basis for rejection of bid.

5.0 FUEL-

5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

6.1 The manufacturer of the Heavy Duty Utility Vehicle and associated attachments shall have five (5) years continuous experience manufacturing Heavy Duty Utility Vehicle and associated attachments.

6.2 The manufacturer 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.

7.0 MAKE & MODEL-

7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS- Heavy Duty Utility Vehicle

8.1 Engine- 3 or 4 -cylinder, inline vertical, liquid cooled, diesel engine, 23-25 horsepower. _____

8.2 Instrumentation- Fuel and coolant temperature gauges. Hour meter. Oil pressure, glow plug and battery charge indicator lights. Tachometer and speedometer. _____

8.3 Alternator- 60 amp _____

8.4 Tires- Front 20" x 9" - 12, 6-ply rating or 23 x10.5-12, turf tread, Rear 24" x 12" - 12, 6-ply rating or 26 x 12-12, turf tread _____

8.5 Cooling System- Aluminum radiator with removable screen for debris cleaning. _____

8.6 Air Cleaner Remote mounted, heavy-duty 2-stage air Cleaner _____

8.7 Fuel Capacity 6 gallon _____

8.8 Fuel Pump Mechanical pump. _____

8.9	Fuel Filter	Combination fuel filter / water separator with a 30 micron filtration and 50 mesh suction screen in tank.	_____
8.10	Horn	Required	_____
8.11	Sound Level	85 db (A) at operator ear	_____
8.12	Vehicle Weight-	1900-2200 lbs	_____
8.13	Total Capacity	3200-3400 lbs	_____
8.14	Cargo Bed Capacity	2800-3000 lbs.	_____
8.15	Front Suspension	Independent system with dual "A" frame control arms, dual coil springs and dual shock absorbers with anti-sway bar. Provides 5 3/4" travel.	_____
8.16	Rear Suspension	Rear axle (weight carrying axle) suspension independent of transaxle with dual leaf springs and dual shock absorbers.	_____
8.17	Battery	12-volt, group 26, with 500-600 cold cranking Amps	_____
8.18	Transmission	Rear transaxle directly connected to engine, twin axle drive. 3-speed synchromesh (forward speeds only), h-shift pattern with high-low range providing 6 forward speeds and 2 in reverse. Transmission housing doubles as hydraulic reservoir with outlet screen and external filter. 3rd High Lockout Interlock key switch that prevents engine from running in 3 rd gear, high range.	_____
8.19	Differential-	Differential lock with manual engage rear differential lock	_____
8.20	Frame	Steel space frame front frame and C-channel rear frame	_____
8.21	Steering	Hydraulic power steering with steering valve coupled to hydraulic cylinder with thru shaft.	_____
8.22	ROPS	ROPS 2-post rollover protective structure and protective back panel bolted to ROPS.	_____
8.23	Brakes	4-wheel hydraulic disk brake system.	_____
8.24	Hydraulics	4 gpm gear pump hydraulic flow for power Steering. Lift control valve with quick disconnects for dual lift cylinders or for attachments when quick disconnects are switched. 8 quart total capacity.	_____
8.25	Lights	Twin halogen headlights and dual taillights actuated by switch on dash. Dual brake lights actuated by brake pedal.	_____

8.26	Seat Belts/Seats	Lap seat belts standard. Bucket seats with adjustable slides to allow for various seat positions. Hip restraint tubes welded to seat mounting straps.	_____
8.27	Controls	Throttle, brake and clutch pedals. Gear shifter, differential lock, parking brake, shifter and hydraulic lift levers.	_____
8.28	Ground Clearance	6.6"- 7" with no load	_____
8.29	Rear Tow Hitch	Steel hitch bracket bolted to axle. Tongue weight 600 lbs., Trailer weight of 3500 lbs.	
8.30	Ground Speeds-	Forward-High Range (12.2/18.5/31.9 km/h)	_____
		Forward-Low Range (4.7/7.2/12.5 km/h)	_____
		Reverse –High Range (11.6 km/h)	_____
		Reverse-Low Range (4.5 km/h)	_____
8.31	Dimensions	Overall Length 125"-130"	_____
		Overall Width 62"-65"	_____
		Overall Height (Top of ROPS) 75"-77"	_____
8.32	200 Gallon Sprayer	If available state optional price on a 200 Gallon Sprayer low profile tank sprayer with diaphragm pump and detachable control box installed at a later date.	\$ _____
8.33	Spreader	If available state optional price on a Pendulum action spreader with polyester hopper. Approximately 14.1 cu. feet, 750 lbs. capacity. Spread width 3 - 46 feet installed at a later date.	\$ _____
8.34	Top Dresser	If available state optional price on a 18 cu.ft. and a 25 cu.ft top dresser with the applicable lifting kit installed at a later date.	\$ _____ \$ _____
8.35	Safety Light Bar-	Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting.	_____
8.36	Slow moving Sign-	Required and installed	_____
8.37	First Aid Kit & Fire Extinguisher-	First aid kit and (5) lbs. Fire extinguisher Required and installed	_____

9.0 MANUALS-

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

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

10.0 WARRANTY-

10.1 All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. _____

11.0 TRAINING-

11.1 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 half (1/2) business days for maintenance personnel and half (1/2) 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. _____

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): _____

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793
Contact e-mail: lguertin@winnipeg.ca _____

12.0 DELIVERY-

12.1 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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order. _____

12.2 Delivery Time- Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only. _____

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

12.4 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 13036

(Greens Rollers)

1.0 **DESCRIPTION-**

- 1.1 These specifications describe used Greens Rollers and other equipment and features as specified herein.
- 1.2 The used Greens Rollers shall be used equipment no older than 2008 model year and have approximately 1200 hours on the equipment.
- 1.3 The used Greens Rollers and all other items/components shall be the manufacturer's latest model. The equipment shall be furnished complete and ready for operation. Any parts or accessories not specifically mentioned, but which are required to complete and place the equipment and associated attachments in successful operation shall be furnished as though specifically mentioned in these specifications. The equipment and associated and attachments, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.4 The equipment shall be capable of consistent top performance in City of Winnipeg Environment. Note: The City of Winnipeg has four seasons with ambient temperatures ranging from approximately 90°F (32°C) to -40°F (-40°C).

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 used Greens Rollers and attachments shall comply with the applicable regulations:

Canadian Standards Association CSA

Safe Manitoba = www.safemanitoba.com/wsh-regulations

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

Society of Automotive Engineers, SAE = http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers

[American National Standards Institute \(ANSI B71-4 – 1999\) and European Community specifications \(CE Certified\).](#)

Complies with ANSI B71.4-2004 and European Community (CE) with required rear ballast.
- 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 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 For the purpose of evaluating the condition of the equipment being bid, the equipment shall be located no further than 10 km of the boundaries of the City of Winnipeg

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 for basis for rejection of bid.

5.0 FUEL-

5.1 All equipment must be fully fuelled upon delivery (no exceptions).

6.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR-

6.1 The manufacturer of the Greens Rollers and associated attachments shall have five (5) years continuous experience manufacturing Greens Rollers and associated attachments.

6.2 The manufacturer 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.

7.0 MAKE & MODEL-

7.1 **State** make and model of the equipment bid- _____

8.0 SPECIFICATIONS-

	Greens Rollers	
8.1	Engine	6.5 – 8 hp air-cooled, 4-stroke OHV; mechanically governed. _____
8.2	Fuel	Unleaded gas _____
8.3	Transmission	Hydrostatic _____
8.4	Drive	Twin chain to rear drive roller _____
8.5	Smoothing Rollers	3.5”diameter - 4 split rollers. Overlapping twin steering heads. _____
8.6	Traction Drive Roller	6.5” diameter vulcanized rubber coated cylinder, 30”-48” _____
8.7	Rolling Width	47-48” _____
8.8	Ground speed	Roll: (0 to 10-15 km/h) in either direction controls Steering wheel, directional foot pedals _____
8.9	Compaction Rate	3.5 PSI _____
8.10	steering	State type- _____

- | | | | |
|-------------|---|---|-------|
| 8.11 | Seat | High-back, adjustable | _____ |
| 8.12 | Trailer | Integrated | _____ |
| 8.13 | Lifting tires | 16 x 6.50 – 8 | _____ |
| 8.14 | lifting tire pressure | 10 PSI | _____ |
| 8.15 | Dimensions- | Width 48" | _____ |
| | | Length 53" | _____ |
| | | Height 42" | _____ |
| | | Weight 500-650 lbs. | _____ |
| 8.16 | Safety Light Bar- | Equipment shall have installed a Model Hella MLB 100 12-24VDC part # H27996011 LED Micro Light Bar Magnetic Amber SAE Class 1 installed. Exact location to be determined upon pre-production meeting. | _____ |
| 8.17 | Slow moving Sign- | Required and installed | _____ |
| 8.18 | First Aid Kit & Fire Extinguisher- | First aid kit and (5) lbs. Fire extinguisher Required and installed | _____ |
| 9.0 | <u>MANUALS-</u> | | |
| 9.1 | Manuals supplied under this contract. The manuals shall cover the complete equipment including all components thereof, CD is preferred where available. | | _____ |
| 9.2 | The following manuals shall be supplied with the units when delivered: | | |
| | a) | Operator's manual – Two (2) per unit (one operator manual shall be sent to the Equipment Operator Training Branch | _____ |
| | b) | Parts and service manuals – one (1) complete sets including preventative maintenance schedules. CDs are preferred. | _____ |
| 10.0 | <u>WARRANTY-</u> | | |
| 10.1 | All warranty information shall be detailed and include all exclusions. The successful bidder shall provide all published warranty information upon delivery of the equipment. Bidder shall state all warranty information. | | _____ |
| 11.0 | <u>TRAINING-</u> | | |
| 11.1 | 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 half (1/2) business days for maintenance personnel and half (1/2) 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.

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):

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 Guertin
Equipment Operator Training Consultant

Cell: 204-451-3793

Contact e-mail: lguertin@winnipeg.ca

12.0 DELIVERY-

12.1 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 body manufacture. The successful bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order. _____

12.2 Delivery Time- Equipment shall be delivered no later than April 4th, 2014 8:00 am and 3:00 pm on Business Days only. _____

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

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