

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF COMBINATION ROLLERS

2. Bidder

Name of Bidder

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

Street

City

Province

Postal Code

Email Address of Bidder

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

GST Registration Number (if applicable)

The Bidder is:

(Choose one)

a sole proprietor

a partnership

a corporation

carrying on business under the above name.

3. Contact Person

The Bidder hereby authorizes the following contact person to represent the Bidder for purposes of the Bid.

Contact Person

Title

Telephone Number

Facsimile Number

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 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 B9)

SUPPLY AND DELIVERY OF COMBINATION ROLLERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Combination Roller – 5000 lbs.	17019	Each	1	
2.	Combination Roller – 15,000 lbs.	17020	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 17019

Combination Roller – 5000 lbs.

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe a Combination Roller – 5000 lbs. and other equipment and features as specified herein.
- 1.2 The Combination Roller – 5000 lbs. shall be a new 2017 model year.
- 1.3 The Combination Roller – 5000 lbs. and all other items/components shall be the manufacturer's latest model. The vehicles 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 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 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.

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 Combination Roller – 5000 lbs. shall comply with the applicable regulations:

Transport Canada, National Safety Mark, NSM:
<http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

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

Canadian Standards Association, CSA:
<http://www.csagroup.org/>

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

Society of Automotive Engineers, SAE:
<http://www.sae.org/>

City of Winnipeg Lighting Visibility Standard:
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.

- 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.

4.0 **REFERENCES**

4.1 If available, please provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 **MAKE & MODEL**

5.1 State make and model of the **Combination Roller – 5000 lbs.** being bid: _____

6.0 **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

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

6.2 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.

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

7.0 **PERFORMANCE RELIABILITY**

7.1 The responsibility for the design of the **Combination Roller – 5000 lbs.**, its performance and reliability shall rest upon the Contractor.

7.2 The term “repeated failures” as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of “repeated failures”, as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer’s preventative maintenance schedule.

7.3 Where the **Combination Roller – 5000 lbs.** develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

7.4 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)**

8.0 **FUEL**

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

9.0 **QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the **Combination Roller – 5000 lbs.** shall have five (5) years continuous experience manufacturing **Combination Roller – 5000 lbs.**
- 9.2 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.
- 9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Combination Roller – 5000 lbs.** of the type being offered.

10.0 **SPECIFICATIONS:**

Operating Weight / Speed

- | | | | |
|------|------------------|---|-------|
| 10.1 | Operating Weight | Approximately 5000 - 6000 lbs.
State: | _____ |
| 10.2 | Drum Mass | State: | _____ |
| 10.3 | Drum Width | Approximately 40 - 50 inches
State: | _____ |
| 10.4 | Speed Range | State: | _____ |

Type

- | | | | |
|------|--------------------|---|-------|
| 10.5 | Combination Roller | Front Drum, Four (4) Rear Pneumatic Tires | _____ |
| 10.6 | Drum Vibrator | Switch or Lever Operated | _____ |
| 10.7 | Drum | Pivotal Steering / Offset | _____ |
| 10.8 | Split Drum | Required: | _____ |

Engine

- | | | | |
|-------|----------------------|---|-------|
| 10.9 | Engine Make & Model | State: | _____ |
| 10.10 | Engine | Tier IV Interim or Final compliant meeting current Emission Standards | _____ |
| 10.11 | Fuel Type | Diesel | _____ |
| 10.12 | Engine HP (SAE 1995) | Approximately 25 - 35 HP
State: | _____ |

Water Tank / Controls

- | | | | |
|-------|-------------------|--|-------|
| 10.13 | Water Tank | Corrosion Free with Strainer | _____ |
| 10.14 | Water Control | Automatic Water Control (AWC) | _____ |
| 10.15 | Filters | Required for: <ul style="list-style-type: none"> • Sprinkler System • Sprinkler Nozzles | _____ |
| 10.16 | Sprinkler Timer | Required: | _____ |
| 10.17 | Water Tank Covers | Lockable | _____ |

Scrapers

10.18 Drum Scraper **Required** _____
State Type:

Safety

10.19 Parking/Emergency Brake **Required:** _____

10.20 Brake Release **Required for towing:** _____

10.21 Emergency Stop **Required:** _____

10.22 Safety Horn **Required:** _____

10.23 Slow Moving Vehicle Sign **Required:** _____

10.24 ROPS Foldable Roll Over Protective Structure _____

10.25 Seatbelt **Required:** _____

10.26 Lights **Required:** _____
 • Warning Lights _____
 • Front & Rear Driving Lights _____
 • Front & Rear Working Lights _____

10.27 Beacon **Required:** _____
 360 degree visibility amber beacon/strobe
 light or equivalent
State: Make and Model

10.28 Mirrors **Required:** Rear View Mirror _____

10.29 Back-Up Alarm **Required:** _____

10.30 First Aid Kit **Required:** _____

10.31 Fire Extinguisher **Required:** _____

10.32 Noise Noise Reduction Provisions _____
State:

Gauges / Lights

10.33 Gauges _____
 • Fuel Gauge _____
 • Volt Meter _____
 • Tachometer _____

10.34 Warning Lights _____
 • Brakes _____
 • Charging _____
 • Engine Temperature _____

10.35 Temperature _____
 • Hydraulic Oil _____
 • Engine _____

10.36 Hour Meter Non-resettable _____

Fuel Tank

10.37 Capacity Approximately 30 - 50 Litres _____
State:

Batteries

10.38 Battery Heavy Duty
State: CCA _____

Other

10.39 Tool Box **State:** Size and Location _____

10.40 Floor Mat Driver Side _____

10.41 Towing **Required:** Towing Eyelet _____

10.42 Hydraulic Oil Preferred - Biological Degradable
State type: _____

11.0 **ERGONOMIC SPECIFICATIONS**

Entry/ Exit

11.1 First step entry height **State,** height of first step in inches _____

11.2 First handhold entry height **State,** first handhold entry height in inches _____

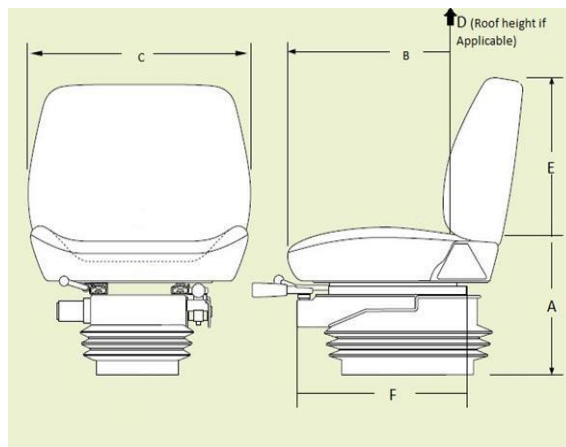
11.3 Access to equipment **State,** door opening height in inches _____

11.4 Access to equipment **State,** door opening width in inches _____

11.5 Designed to prevent slipping Anti-slip steps/handholds **(Y or N)?** _____

Seat

11.6 Use diagram to answer questions.



11.7 Sitting Height Range (from floor (where feet rest) (A)) **State,** seat height range in inches _____

11.8 Seat Length/Depth (B) **State,** seat length/depth in inches _____

11.9 Seat Width (C) **State,** seat width in inches _____

11.10	Cab Height (from seat to roof (if applicable) (D))	State , cab height range in inches	_____
11.11	Back Rest Height (E)	State , back rest height in inches	_____
11.12	Seat Travel Range (F)	State , seat travel in inches	_____
11.13	Lumbar Support	Is lumbar support provided (Y or N)?	_____
11.14	Head Rest	Is head rest provided (Y or N)?	_____
11.15	Seat is made of breathable material	State , type of seat material	_____
<u>Operation</u>			
11.16	Reaching Distance (to usual work)	State , reaching distance in inches	_____
11.17	Maximum Reaching Distance	State , maximum reach distance in inches	_____
11.18	Adjustable Pedals (accelerator/brake/clutch)	Are pedals adjustable (Y or N)?	_____
11.19	Adjustable Steering Wheel	Is steering wheel adjustable (Y or N)?	_____
11.20	Adjustable Shoulder Belt	Is belt adjustable and anchored (Y or N)?	_____
<u>Cargo Area</u>			
11.21	Lid opens to provide adequate space	Adequate space provided (Y or N)?	_____
11.22	Loading Height	State , trunk height in inches	_____
<u>Environment</u>			
11.23	Operator compartment is insulated from equipment noise (while operating)	State , dB inside cab while operating	_____
11.24	Operator insulated from equipment vibration	Is operator insulated from vibration (Y or N)?	_____
11.25	Heating/Cooling Systems	State , cab temperature range	_____
11.26	Cab Lighting	State , lumens inside cab	_____

Maintenance/ Inspection

- 11.27 Lift Assistance (when necessary) Is lift assistance provided (Y or N)? _____
- 11.28 Easy Access (to compartment doors) Is easy access provided (Y or N)? _____
- 11.29 Include any other relevant ergonomic specifications and applicable range of adjustment _____

12.0 **WARRANTY**

- 12.1 All warranty information shall be detailed and **include all exclusions**. The successful Bidder shall provide all published warranty information upon delivery of the equipment. _____
- 12.2 The warranty for the **Combination Roller** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of 12 months. _____

Any equipment that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City.

The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg.

- 12.3 Basic Equipment Warranty **State:** _____

13.0 **DELIVERY**

- 13.1 **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. The successful Bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____
- 13.2 **Delivery Time:** **Ten - Twelve (10 - 12) calendar weeks or Sooner** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____
- 13.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____
- 13.4 **P.D.I:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____

14.0 **MANUALS**

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

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

a) Operator's Manual – Two (2) per unit. One (1) Operator Manual shall be sent to the Equipment Operator Training Branch. _____

b) Parts and Service Manuals – One (1) complete set including preventative maintenance schedules. Memory sticks are preferred. _____

15.0 **PARTS/LABOUR PRICING**

15.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount** _____

15.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount** _____

16.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

16.1 In order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing. _____

16.2 The Contractor must provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during Preventative Maintenance servicing. _____

FORM N: DETAILED SPECIFICATIONS 17020

Combination Roller – 15000 lbs.

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe a Combination Roller – 15000 lbs. and other equipment and features as specified herein.
- 1.2 The Combination Roller – 15000 lbs. shall be a new 2017 model year.
- 1.3 The Combination Roller – 15000 lbs. and all other items/components shall be the manufacturer's latest model. The vehicles 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 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 It will be the responsibility of the Bidder to inform the City of any errors or omissions in these specifications, for under this Contract the Contractor shall be held responsible for the satisfactory operational function of the equipment.

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 Combination Roller – 15000 lbs. shall comply with the applicable regulations:

Transport Canada, National Safety Mark, NSM:
<http://www.tc.gc.ca/eng/acts-regulations/acts-road.htm>

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

Canadian Standards Association, CSA:
<http://www.csagroup.org/>

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

Society of Automotive Engineers, SAE:
<http://www.sae.org/>

City of Winnipeg Lighting Visibility Standard:
<http://winnipeg.ca/matmgt/pdfs/PublicWorksEquipLightingVisibility.pdf>.

- 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.

4.0 **REFERENCES**

4.1 If available, please provide five (5) Canadian references where this equipment is used in a working environment where climatic conditions are similar to the City of Winnipeg.

5.0 **MAKE & MODEL**

5.1 State make and model of the **Combination Roller – 15000 lbs.** being bid: _____

6.0 **INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS**

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

6.2 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.

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

7.0 **PERFORMANCE RELIABILITY**

7.1 The responsibility for the design of the **Combination Roller – 15000 lbs.**, its performance and reliability shall rest upon the Contractor.

7.2 The term “repeated failures” as used herein is defined to mean that the same component, subassembly, or assembly develops repeated defects, breakdowns and/or malfunctions rendering the vehicle inoperative, or requiring repeated shop correction, service and/or replacement during the warranty period applicable for said component, subassembly, of assembly. Minor items or ordinary service adjustments are not included, or considered under the scope of “repeated failures”, as well as other factors, such as operational damage due to accidents, misuse or lack of proper maintenance, service and lubrication attention by not following the manufacturer’s preventative maintenance schedule.

7.3 Where the **Combination Roller – 15000 lbs.** develops “repeated failures” in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.

7.4 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)**

8.0 **FUEL**

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

9.0 **QUALIFICATIONS OF MANUFACTURER & CONTRACTOR**

- 9.1 The manufacturer of the **Combination Roller – 15000 lbs.** shall have five (5) years continuous experience manufacturing **Combination Roller – 15000 lbs.**
- 9.2 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.
- 9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Combination Roller – 15000 lbs.** of the type being offered.

10.0 **SPECIFICATIONS:**

Operating Weight / Speed

- | | | | |
|------|------------------|---|-------|
| 10.1 | Operating Weight | Approximately 14000 – 18000 lbs.
State: | _____ |
| 10.2 | Drum Mass | State: | _____ |
| 10.3 | Drum Width | Approximately 58 – 67 inches
State: | _____ |
| 10.4 | Speed Range | State: | _____ |

Type

- | | | | |
|------|--------------------|---|-------|
| 10.5 | Combination Roller | Front Drum, Four (4) Rear Pneumatic Tires | _____ |
| 10.6 | Drum Vibrator | Switch or Lever Operated | _____ |
| 10.7 | Drum | Pivotal Steering / Offset | _____ |
| 10.8 | Split Drum | Required: | _____ |

Engine

- | | | | |
|-------|----------------------|---|-------|
| 10.9 | Engine Make & Model | State: | _____ |
| 10.10 | Engine | Tier IV Interim or Final compliant meeting current Emission Standards | _____ |
| 10.11 | Fuel Type | Diesel | _____ |
| 10.12 | Engine HP (SAE 1995) | Approximately 50 – 100 HP
State: | _____ |

Water Tank / Controls

- | | | | |
|-------|-------------------|---|-------|
| 10.13 | Water Tank | Corrosion Free with Strainer | _____ |
| 10.14 | Water Control | Automatic Water Control (AWC) | _____ |
| 10.15 | Filters | Required for: <ul style="list-style-type: none">• Sprinkler System• Sprinkler Nozzles | _____ |
| 10.16 | Sprinkler Timer | Required: | _____ |
| 10.17 | Water Tank Covers | Lockable | _____ |

Scrapers

10.18 Drum Scraper **Required** _____
State Type:

Safety

10.19 Parking/Emergency Brake **Required:** _____

10.20 Brake Release **Required:** for towing: _____

10.21 Emergency Stop **Required:** _____

10.22 Safety Horn **Required:** _____

10.23 Slow Moving Vehicle Sign **Required:** _____

10.24 ROPS Foldable Roll Over Protective Structure _____

10.25 Seatbelt **Required:** _____

10.26 Lights

- Warning Lights _____
- Front & Rear Driving Lights _____
- Front & Rear Working Lights _____

10.27 Beacon 360 degree visibility amber beacon/strobe light or equivalent _____
State: Make and Model

10.28 Mirrors **Required:** Rear View Mirror _____

10.29 Back-Up Alarm **Required:** _____

10.30 First Aid Kit **Required:** _____

10.31 Fire Extinguisher **Required:** _____

10.32 Noise Noise Reduction Provisions **State:** _____

Gauges / Lights

10.33 Gauges

- Fuel Gauge _____
- Volt Meter _____
- Tachometer _____

10.34 Warning Lights

- Brakes _____
- Charging _____
- Engine Temperature _____

10.35 Temperature

- Hydraulic Oil _____
- Engine _____

10.36 Hour Meter Non-resettable _____

10.37 Tachograph **Required:** _____

Fuel Tank

10.38 Capacity Approximately 120 – 130 Litres _____
State:

Batteries

10.39	Battery	Heavy Duty State: CCA	_____
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Canopy

10.40	ROPS	Required:	_____
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10.41	Air Filtering System	Required:	_____
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10.42	Fresh Air Fan (3-Speed)	Required:	_____
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10.43	Interior Light	Required:	_____
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10.44	Noise Reduction	Required:	_____
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10.45	Rear View Mirrors	Required: Internal and External	_____
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10.46	Safety Glass	Required: Tinted	_____
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10.47	Side Windows	Required: Open-able	_____
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10.48	Sunscreen	Required:	_____
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10.49	Front Heater	Required:	_____
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10.50	Wiper with Washer (Front and Rear)	Required:	_____
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10.51	Working Lights (Front and Rear)	Required:	_____
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10.52	Automatic Climate Control	Required:	_____
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10.53	Radio with CD Player	Required:	_____
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10.54	Roof Hatch Egress Or 2 Side Doors Egress	Required:	_____
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10.55	Look-Out Window (Protrusion limits the Roller's capability to operate adjacent to sign poles, street furniture etc. – thereby being not practical in urban settings)	Preferred - Yes or No	_____
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10.56	Seat (Refer to Section 11.0 Ergonomic Specifications for more details)	Preferred: Deluxe seat with: <ul style="list-style-type: none"> • dual armrests • adjustable • air ride 	_____
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Other

10.57	Tool Box	State: Size and Location	_____
10.58	Floor Mat	Driver Side	_____
10.59	Towing	Required: Towing Eyelet	_____
10.60	Hydraulic Oil	Preferred - Biological Degradable State type:	_____

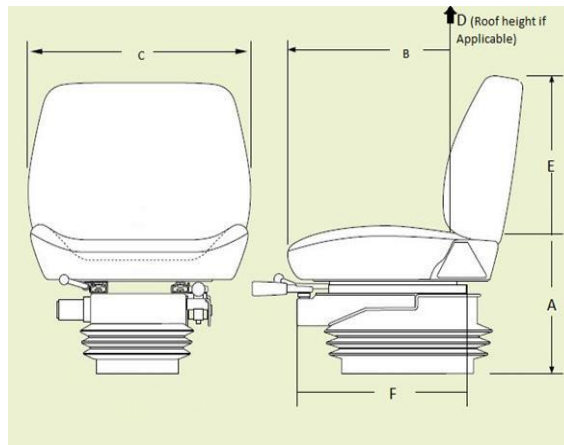
11.0 ERGONOMIC SPECIFICATIONS

Entry/ Exit

11.1	First step entry height	State, height of first step in inches	_____
11.2	First handhold entry height	State, first handhold entry height in inches	_____
11.3	Access to equipment	State, door opening height in inches	_____
11.4	Access to equipment	State, door opening width in inches	_____
11.5	Designed to prevent slipping	Anti-slip steps/handholds (Y or N)?	_____

Seat

11.6 Use diagram to answer questions.



11.7	Sitting Height Range (from floor (where feet rest) (A))	State, seat height range in inches	_____
11.8	Seat Length/Depth (B)	State, seat length/depth in inches	_____
11.9	Seat Width (C)	State, seat width in inches	_____
11.10	Cab Height (from seat to roof (if applicable) (D))	State, cab height range in inches	_____
11.11	Back Rest Height (E)	State, back rest height in inches	_____

- 11.12 Seat Travel Range (F) **State**, seat travel in inches _____
- 11.13 Lumbar Support Is lumbar support provided (**Y or N**)? _____
- 11.14 Head Rest Is head rest provided (**Y or N**)? _____
- 11.15 Seat is made of breathable material **State**, type of seat material _____

Operation

- 11.16 Reaching Distance (to usual work) **State**, reaching distance in inches _____
- 11.17 Maximum Reaching Distance **State**, maximum reach distance in inches _____
- 11.18 Adjustable Pedals (accelerator/brake/clutch) Are pedals adjustable (**Y or N**)? _____
- 11.19 Adjustable Steering Wheel Is steering wheel adjustable (**Y or N**)? _____
- 11.20 Adjustable Shoulder Belt Is belt adjustable and anchored (**Y or N**)? _____

Cargo Area

- 11.21 Lid opens to provide adequate space Adequate space provided (**Y or N**)? _____
- 11.22 Loading Height **State**, trunk height in inches _____

Environment

- 11.23 Operator compartment is insulated from equipment noise (while operating) **State**, dB inside cab while operating _____
- 11.24 Operator insulated from equipment vibration Is operator insulated from vibration (**Y or N**)? _____
- 11.25 Heating/Cooling Systems **State**, cab temperature range _____
- 11.26 Cab Lighting **State**, lumens inside cab _____

Maintenance/ Inspection

- 11.27 Lift Assistance (when necessary) Is lift assistance provided (**Y or N**)? _____
- 11.28 Easy Access (to compartment doors) Is easy access provided (**Y or N**)? _____
- 11.29 Include any other relevant ergonomic specifications and applicable range of adjustment _____

12.0 **WARRANTY**

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

12.2 The warranty for the **Combination Roller** shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of 12 months. _____

Any equipment that has become defective during said warranty period and has not proven to have been caused by negligence on the part of the user shall be repaired or replaced at no cost to the City.

The warranty shall be effective from the date the equipment is put into service by the City of Winnipeg.

Basic Equipment Warranty **State:** _____

13.0 **DELIVERY**

13.1 **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. The successful Bidder shall be notified by the Contractor Administrator the delivery address prior to issuance of the purchase order _____

13.2 **Delivery Time:** **Ten - Twelve (10 - 12) calendar weeks or Sooner** from the date of award. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. _____

13.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____

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

14.0 **MANUALS**

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

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

a) Operator's Manual – Two (2) per unit. One (1) Operator Manual shall be sent to the Equipment Operator Training Branch. _____

b) Parts and Service Manuals – One (1) complete set including preventative maintenance schedules. Memory sticks are preferred. _____

15.0 **PARTS/LABOUR PRICING**

15.1 Bidder to provide City of Winnipeg Parts Discount % Pricing from retail parts pricing. **State percentage discount** _____

15.2 Bidder to provide City of Winnipeg Labor Discount % Pricing from Retail shop labor rate. **State percentage discount** _____

16.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT**

16.1 In order to assure minimum downtime of the Equipment in future service, the Contractor must provide one (1) complete replacement set of new OEM filters for each unit purchased. The set of required filters shall include (if applicable to the equipment type) air, fuel, oil, cab and hydraulic, or otherwise all known necessary common replacement filters required for the first preventative maintenance servicing. _____

16.2 The Contractor must provide a list of factory recommended lubricants to be used with the equipment, as well as a complete cross reference guide for all warranty approved lubricants and filters that can be used during Preventative Maintenance servicing. _____