

FORM A: BID
(See B8)

1. Contract Title SUPPLY AND DELIVERY OF PULL TYPE WATER BALLAST TIRE 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. Indigenous Self-Declaration The City is requesting that Bidders identify if their business is at least 51% owned by one or more Indigenous persons of Canada.

YES, 51% or more Indigenous ownership

NO, it is not

This information is being gathered for statistical purposes only and will not be used for purposes of evaluation.

11. 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 PULL TYPE WATER BALLAST TIRE ROLLERS

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Pull Type Water Ballast Tire Roller	18027	Each	10	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 18027

PULL TYPE WATER BALLAST PNEUMATIC TIRE ROLLER

1.0 DESCRIPTION OF EQUIPMENT

- 1.1 These specifications describe a **Pull Type Water Ballast Tire Roller** and other equipment and features as specified herein.
- 1.2 The **Pull Type Water Ballast Tire Roller** shall be a new 2018 model year or newer.
- 1.3 The **Pull Type Water Ballast Tire Roller** 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 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 Where applicable, the **Pull Type Water Ballast Tire Roller** 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 Regulation, Parts 12, 16, 22:
<http://web2.gov.mb.ca/laws/regs/current/217.06.pdf>

Canadian Motor Vehicle Safety Standards C.M.V.S.S.
http://laws-lois.justice.gc.ca/eng/regulations/C.R.C.,_c._1038/section-sched3.html

Manitoba Highway Traffic Act regulations and requirements including, but not limited to, a Manitoba Government Inspection with Safety Sticker.
<http://web2.gov.mb.ca/laws/regs/index.php?act=h60>

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 Bidder shall have an authorized service facility. 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.

4.0 REFERENCES

- 4.1 If available, please provide five (5) 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** year, make and model 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 **Pull Type Water Ballast Tire Roller** 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 **Pull Type Water Ballast Pneumatic Tire Roller** 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 Where applicable, all equipment must be fully fueled upon delivery (no exceptions).

9.0 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

9.1 The manufacturer of the **Pull Type Water Ballast Tire Roller** shall have five (5) years continuous experience manufacturing **Pull Type Water Ballast Tire Roller**.

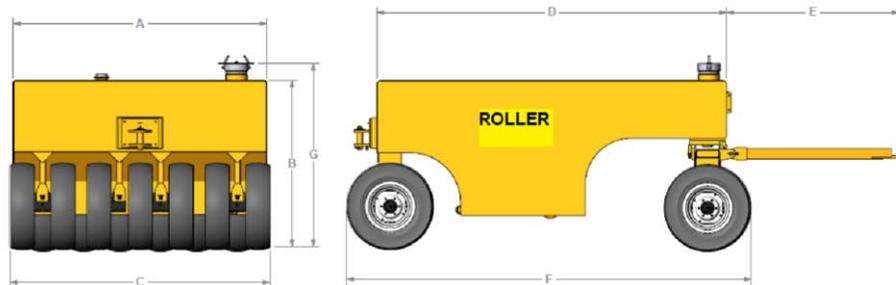
9.2 The manufacturer shall have in effect a documented quality control program ensuring that the quality of materials and workmanship, including welding, conforms to the best standards and engineering practice of the industry.

9.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Pull Type Water Ballast Tire Roller** of the type being offered.

10.0 SPECIFICATIONS:

Dimensions

10.1 Use the diagram for specifications 10.2 to 10.8



10.2	Dimension A: Overall Body Width	Approximately 87 in. State:	_____
10.3	Dimension B: Overall Height	Approximately 59 in. State:	_____
10.4	Dimension C: Rolling Width	Approximately 90 in. State:	_____
10.5	Dimension D: Ballast Length	Approximately 120 in. State:	_____
10.6	Dimension E: Ballast to Hitch Centre	Approximately 57 in. State:	_____
10.7	Dimension F: Overall Length Hitch removed	Approximately 138 State:	_____

10.8	Dimension G: Height to Top of Fill Cap	Approximately 65 in. State:	_____
10.9	Water Capacity	Approximately 1140 imp gal State:	_____
10.10	Wheel Base	Approximately 110 in. State:	_____
10.11	Ground Clearance	Approximately 12 in. State:	_____
10.12	Weight - Empty	Approximately 7800 lbs. State:	_____
10.13	Weight – Filled with Water	Approximately 18,500 lbs. State:	_____
10.14	Wall Thickness	Approximately 0.25 in. State:	_____
10.15	Pan Thickness	Approximately 0.25 in. - .38 in. State:	_____
10.16	Bottom Thickness	Approximately 0.25 in. - 0.50 in. State:	_____
	Front Beam		
10.17	Construction	Heavy Duty State: material, thickness and general design	_____
	Tires		
10.18	Total Quantity	Twelve (12) or thirteen (13) State:	_____
10.19	Front	Approximately 6 – 7 foamed filled tires State: quantity, tire size, rating and speed rating	_____
10.20	Rear	Approximately 6 – 7 foamed filled tires State: quantity, tire size, rating and speed rating	_____
10.21	Hubs	Heavy duty 6-bolt cast steel hubs	_____
10.22	Tire Overlap	Front and rear tires to overlap for constant surface contact State: overlap	_____
10.23	Tire Oscillation - Front	Approximately +/- 4 degrees State:	_____
10.24	Tire Oscillation - Rear	Approximately +/- 4 degrees State:	_____
10.25	Wheel Nut Indicators	On all wheels	_____

Tank

- 10.26 Water Baffles Quantity three (3), approximately 0.25 in. steel construction _____
State:
- 10.27 Discharge Bottom discharge and easily accessible _____
State: location
- 10.28 Intake Heavy duty quick coupler suitable for filling from a fire hydrant _____



- 10.29 Intake Design Designed so that siphoning does not occur into the main water line _____





10.30	Lid	Vented	_____
	Drawbar		
10.31	Front Mounted	Heavy duty A-Frame design, reinforced as required State: construction details and materials	_____
10.32	Hitch	Suitable for use with 1-1/2 in. pin and dual lugs State:	_____
	Rear Hitch		
10.33	Rear	Similar to front hitch assembly, suitable for towing additional rollers complete with heavy duty eyelets for safety chains	_____
	Safety Chains		
10.34	Safety Chains	Quantity two (2) complete with spring closures	_____
	Cargo Rails		
10.35	Rails	Located at top, outside perimeter of unit, Suitable for transporting miscellaneous equipment such as: <ul style="list-style-type: none"> • Sand bags. • Traffic signs Design: <ul style="list-style-type: none"> • Approximately 6 in. high • 1-1/4 in. diameter round bar railing • 1-1/2 in. diameter round bar vertical supports with 18 in. spacing State: Design	_____

Grease System and Zerks

10.36 Grease System and Zerks

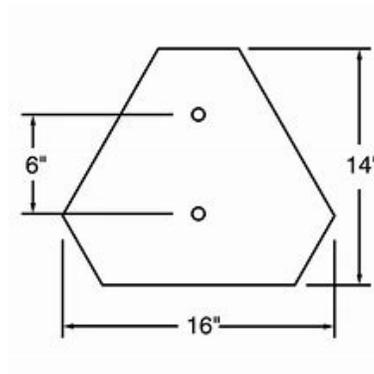
- All components that require greasing to be fitted with remote hydraulic lines with an approximately maximum working pressure of 5000 psi using #4 JIC fittings
- Remote grease lines to be installed to allow for axle pivot and steer axle travel
- Readily accessible to the operator via a mounted grease zerk bank

State: quantity and locations

Slow Moving Vehicle Sign

10.37 Slow Moving Vehicle Sign

Rear Mounted
 Truck-Lite 797 or equivalent in accordance with B6 Substitutes



Colour and Finish

10.38 Colour

Caterpillar Yellow

State:

10.39 Finish

The entire unit to be properly sandblasted, primed and prepared, then painted with two (2) coats of polyurethane enamel meeting manufacturers specifications

DuPont Imron, Endura paint process or equivalent in accordance with B6 Substitutes

Non-Skid Coating

10.40 Anti-Skid Coating

The entire top section of the roller to be coated with approximately 0.080 in. of Line-X or equivalent in accordance with B6 Substitutes spray on liner, black polyurethane elastomer, abrasive resistant.

Conspicuity Tape

- 10.41 Conspicuity Tape Affixed 360 degrees around the unit _____
Truck-Lite 98127 or equivalent in
accordance with B6 Substitutes

11.0 **WARRANTY:**

- 11.1 All warranty information shall be detailed and **include all exclusions.** _____

The Contractor shall provide all published warranty information upon delivery of the equipment.

- 11.2 Basic Vehicle (Comprehensive) **State:** _____

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.V.I.S. (if applicable) to the WFMA 185 Tecumseh Street, Winnipeg MB. _____

- 12.2 **Delivery Time:** _____

Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days.

State: earliest delivery time from date of award: _____

- 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 _____

13.0 **MANUALS:**

- 13.1 **Operator's Manual:** One (1) per unit shall be supplied with the units when delivered: _____

14.0 **PARTS/LABOUR PRICING:**

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

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

15.0 **FIRST SERVICE PREVENTATIVE MAINTENANCE KIT:**

15.1 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.

15.2 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.
