

FORM A: BID
(See B8)

1. Contract Title SUPPLY & DELIVERY OF A CRASH ATTENUATOR

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 & DELIVERY OF A CRASH ATTENUATOR

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Crash Attenuator	15059	Each	1	

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 15059

Crash Attenuator

1.0 DESCRIPTION OF EQUIPMENT/APPLICATION

- 1.1 **Description-** These specifications describe Crash Attenuator and other equipment and features as specified herein.
- 1.2 **Application-** The intended shadow/tow vehicle will be the City of Winnipeg Streets Maintenance Division Ford F-450 and F-550 model. The crash attenuator trailer must be rated to use with a minimum shadow/tow vehicle of 9,900.
- 1.3 The Crash Attenuator shall be a new 2015 model year or newer.
- 1.4 The Crash Attenuator 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.
- 1.5 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 Crash Attenuator shall comply with the applicable regulations:
- National Safety Mark, NSM
 - Manitoba Safety and Health Act, Parts 12, 22
 - Canadian Standards Association, CSA
 - Under Writers of Canada, U/L
 - Society of Automotive Engineers, SAE
 - 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.
- 3.2 If a suitable warranty facility is not available within 10 km of the boundaries of the City of Winnipeg, the Bidder may propose that the City of Winnipeg Repair Facility perform warranty

work. Any Work performed by the City of Winnipeg Repair Facility shall be charged to the Contractor at the Facility's shop rate in effect at the time the work is performed (for example, shop rate for 2015: \$88.00/hour and \$ 112.00/hour for overtime and callout).

3.3 **Location of the service facility located within 10 km of the boundaries of the City of Winnipeg.**

The Bidder shall choose and fill in **one (1)** of the Clauses listed below. --- **3.4) or 3.5)**

3.4 Bidder's own facility location. State the location of the service facility below.

3.5 Bidder elects to have warranty work be performed by the City of Winnipeg Repair Facility.

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 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 **Crash Attenuator**, 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 **Crash Attenuator** 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 QUALIFICATIONS OF MANUFACTURER & CONTRACTOR

- 8.1 The manufacturer of the **Crash Attenuator** shall have five (5) years continuous experience manufacturing **Crash Attenuator**.
- 8.2 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.
- 8.3 The Contractor shall have five (5) years continuous experience servicing, repairing and maintaining **Crash Attenuator** of the type being offered.

9.0 SPECIFICATIONS-

- 9.1 Rated impact Capacity- (Approx. 100 km per hour), **state-** _____
- 9.2 Overall Trailer Length: Approx. 20'-25', **state-** _____
- 9.3 Width- Shall not exceed 102", **state-** _____
- 9.4 Total Weight: Approx. 2500-2700, **state-** _____
- 9.5 Additional high speed visibility decals and/or markers _____
- 9.6 Six ton pintel hitch _____
- 9.7 Programmable message board required _____
- 9.8 Reflective Safety Tape-Standard size 2" red / silver DOT, along the center on both sides. _____

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. _____
- 10.2 Basic One (1) year, unlimited km, **state-** _____
- 10.3 Message Board- **state** warranty- _____

11.0 DELIVERY-

- 11.1 **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. _____
- 11.2 **Delivery Time:** Within **twelve (12) calendar weeks** from the date of award. Equipment shall be delivered between 8:00 am and 2:00 pm on Business Days. _____
- 11.3 **Delivery Contact:** The Contractor shall contact the Contract Administrator prior to delivery of the equipment. _____
- 11.4 **P.D.I.:** A pre-delivery inspection shall be performed by the Contractor on the equipment. Proof upon inspection including completed check list _____

12.0 **MANUALS-**

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

12.2 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