

**FORM A: BID**  
(See B7)

1. Contract Title SUPPLY & DELIVERY OF A TRAILER MOUNTED 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

(Mailing address if different)

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Street or P.O. Box

\_\_\_\_\_  
City

\_\_\_\_\_  
Province

\_\_\_\_\_  
Postal Code

\_\_\_\_\_  
GST Registration Number (if applicable)

(Choose one)

The Bidder is:

<input type="checkbox"/>	a sole proprietor
<input type="checkbox"/>	a partnership
<input type="checkbox"/>	a corporation

carrying on business under the above name.

3. Contact Person

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

\_\_\_\_\_  
Contact Person

\_\_\_\_\_  
Title

\_\_\_\_\_  
Telephone Number

\_\_\_\_\_  
Facsimile Number

\_\_\_\_\_  
Email Address

4. Definitions

All capitalized terms used in the Contract shall have the meanings ascribed to them in the General Conditions and D3.

5. Offer The Bidder hereby offers to perform the Work in accordance with the Contract for the price(s), in Canadian funds, set out on Form B: Prices, appended hereto.

6. Commencement of the Work The Bidder agrees that no Work shall commence until he is in receipt of a notice of award from the Award Authority authorizing the commencement of the Work.

7. Contract The Bidder agrees that the Bid Opportunity in its entirety shall be deemed to be incorporated in and to form a part of this offer notwithstanding that not all parts thereof are necessarily attached to or accompany this Bid.

8. Addenda The Bidder certifies that the following addenda have been received and agrees that they shall be deemed to form a part of the Contract:

No.	Dated
_____	_____
_____	_____
_____	_____

9. Time This offer shall be open for acceptance, binding and irrevocable for a period of sixty (60) Calendar Days following the Submission Deadline.

10. Signatures The Bidder or the Bidder's authorized official or officials have signed this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_\_.

Signature of Bidder or  
Bidder's Authorized Official or Officials

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

\_\_\_\_\_

(Print here name and official capacity of individual whose signature appears above)

**FORM B: PRICES**  
(See B8)

**SUPPLY & DELIVERY OF A TRAILER MOUNTED CRASH ATTENUATOR**

**UNIT PRICES**

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	QUANTITY	UNIT PRICE
1.	Trailer Mounted Crash Attenuator	12022	(Each)	(1)	

\_\_\_\_\_  
Name of Bidder

## FORM N: DETAILED SPECIFICATIONS 12022

### 1.0 **SCOPE-**

- 1.1 The Trailer Mounted Crash Attenuator shall be a new 2011 or 2012 model year. The equipment shall be furnished complete and ready for use by the Contractor. All parts not specifically mentioned, but which are required to complete and place the equipment into successful operation shall be furnished as though specifically mentioned in these specifications.
- 1.2 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.
- 1.3 Each bid will be evaluated based on adherence to all terms, conditions and requirements outlined in the Bid Opportunity.

### 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 Trailer Crash Attenuator and all its components and attachments shall comply with the applicable regulations:

Highway Traffic Act = <http://web2.gov.mb.ca/laws/statutes/ccsm/h060e.php>

Manitoba Motor Vehicle Act = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/menu.htm>

Canadian Motor Vehicle Safety Standards, CMVSS = <http://www.gnb.ca/0062/regs/83-163.htm>

Transport Canada = <http://laws.justice.gc.ca/en/notice/index.html?redirect=%2Fen%2FM-10.01%2F250448.html>

National Safety Mark, NSM = <http://www.tc.gc.ca/acts-regulations/GENERAL/M/mvsa/regulations/mvsrg/001/mvsr3-5.html>

Manitoba/Winnipeg 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.csa.ca/about/Default.asp?language=english>

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

Society of Automotive Engineers, SAE = [http://en.wikipedia.org/wiki/Society\\_of\\_Automotive\\_Engineers](http://en.wikipedia.org/wiki/Society_of_Automotive_Engineers)

- 2.3 It will be the responsibility of the Bidder to inform the City of any deficiencies in these specifications, for under this Contract the Contractor shall be held responsible for the design, performance, reliability and satisfactory operational function of the units.

### 3.0 **QUALIFICATIONS OF MANUFACTURER / BIDDER-**

- 3.1 Manufacturers of the Trailer Crash Attenuator must have five (5) continuous years of experience manufacturing Trailer Crash Attenuator equipment of the type being offered.
- 3.2 The Bidder shall be an authorized distributor/supplier of the Trailer Crash Attenuator equipment being bid.

**4.0 SERVICE FACILITY-**

4.1 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.

**5.0 MAKE- ELIGIBLE MAKES U-MAD 100K CRASH ATTENUATOR TRAILER OR EQUIVALENT**

5.1 **State make:** \_\_\_\_\_

**6.0 BIDDER'S MODEL- ELIGIBLE MODEL 100K CRASH ATTENUATOR OR EQUIVALENT**

6.1 **State model being bid:** \_\_\_\_\_

**7.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-**

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

7.2 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.

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

**8.0 SPECIFICATIONS- U-MAD 100K CRASH ATTENUATOR TRAILER OR EQUIVALENT**

- 8.1 Capacity: TL-3, 62 mph (100 kmh) \_\_\_\_\_
- 8.2 Cartridge Length: 129 in. (3.3 m) \_\_\_\_\_
- 8.3 Cartridge Weight: 915 lbs. (415 kg) \_\_\_\_\_
- 8.4 Trailer Length: 126 in. (3.2 m) \_\_\_\_\_
- 8.5 Trailer Weight: 1875 lbs. (735 kg) \_\_\_\_\_
- 8.6 Total Weight: 2790 lbs. (1270 kg) \_\_\_\_\_
- 8.7 Additional high speed visibility decals and/or markers \_\_\_\_\_
- 8.8 Six ton pintel hitch \_\_\_\_\_

**9.0 MANUALS-**

9.1 The Contractor shall supply the following manuals (in English) upon delivery of the vehicle: \_\_\_\_\_

9.2 Operator's manual – one (1) required. \_\_\_\_\_

## 10.0 **TRAINING-**

- 10.1 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 **one half (1/2) Business day for maintenance and 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.

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- 10.2 Training aids to be included.

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

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- 10.3 **State if other training aids are available and state type-**
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- 10.4 What is the recommended minimum training duration for:

Primary unit:

For major attachments (if applicable):

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

For the primary unit:

For major attachments (if applicable):

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- 10.6 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 (1) week** prior to delivery, when supplying vehicles, equipment and related attachments. Send these materials, preferably in both electronic format and hard copy (training videos are to be supplied on either CD or DVD) to:

Public Works Department, Human Resources Division  
Equipment Operator Training Branch  
102-1155 Pacific Avenue  
Winnipeg, MB  
R3E 3P1

Leanne Chetyrbok  
Equipment Operator Training Consultant  
Cell: (204) 451-3793  
Contact e-mail: [lchetyrbok@winnipeg.ca](mailto:lchetyrbok@winnipeg.ca)

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**11.0 DELIVERY-**

11.1 **Delivery Point-** The **Crash Attenuator Trailer** 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 Winnipeg Fleet Management Agency 185 Techumseh Avenue Winnipeg Manitoba.

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11.2 **Delivery Time-** Within **(4-6) calendar weeks** from the date of official notification of award of contract. Equipment shall be delivered between 8:00 am and 3:00 pm on Business Days. **State earliest delivery time-**

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

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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

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**12.0 PERFORMANCE RELIABILITY-**

12.1 The responsibility for the design of the Trailer Crash Attenuator, its performance and reliability shall rest upon the Contractor.

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12.2 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.

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12.3 Where the Trailer 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.

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**FORM O-  
 DATA COLLECTION SHEET**  
**Successful Bidder will be required to complete all applicable fields**

<b>TRAILER ITEMS</b>		<b>DETAILS from VENDOR</b>
MAKE/MANUFACTURER		
MODEL		
YEAR		
DISCRIPTION/TYPE	CAR HAULER, UTILITY, ETC	
GVWR	KGS	
GAWR FRONT	KGS	
GAWR REAR	KGS	
GCWR (CAPACITY)	KGS	
DIMENSION HEIGHT	FEET / INCHES	
DIMENSION LENGTH	FEET / INCHES	
DIMENSION WIDTH	FEET / INCHES	
DELIVERY DATE		
SUPPLIER/DEALER		
SERIAL NUMBER (if applicable)		
KEY DOOR NUM	VAN TRAILER ONLY OR IF LOCKING TOOL BOX APPLIES	
PAINT CODE		
PAINT COLOUR		
COUPLING TYPE	PINTLE OR BALL, TYPE OF BALL HITCH	
BALL SIZE		
COATING	I.E. LINE-X, RHINO, ETC	
RAMP CAPACITY	KGS	
FLOOR / DECK TYPE	PLYWOOD, MDF, BOARDS	
<b>TIRES/WHEELS/ETC.</b>		<b>DETAILS from VENDOR</b>
TIRE BRAND		
TIRE SIZE		
TIRE RATING		
WHEEL NUT TORQUE		
WHEEL SPINDLE/HUB OIL CAPACITY		
BRAKE TYPE	AIR, ELECTRIC, SURGE	
BRAKE FLUID		



## FORM Q-SUSTAINABILITY QUESTIONNAIRE

### **Product Information**

(Yes/No)

#### **Product Sustainability: High Quality, Small Ecological Footprint**

1. Have you employed environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity as compared to similar goods? If yes, please describe them below.

Describe:

2. Have you obtained 3rd party environmental certifications for any of the products that you are supplying in this Bid Opportunity?

Describe:

3. Have you performed a life cycle assessment of the goods you are supplying in this Bid Opportunity? If yes, please describe below.

Describe:

4. Are there any other environmentally innovative best practices and/or technologies in the goods you are supplying in this Bid Opportunity that we could have specified in this tender, but have not? If yes, please describe them below.

Describe:

### **Company Information**

#### **Energy and Climate: Reducing Energy Costs and Greenhouse Gas Emissions**

1. Have you measured your corporate greenhouse gas emissions? If yes, please report your total annual greenhouse gas emissions reported in the most recent year measured?

Describe:

2. Have you set publicly available greenhouse gas reduction targets? If yes, what are those targets?

Describe:

**Material Efficiency: Reducing Waste and Enhancing Quality**

1. Do you measure the total amount of solid waste generated from the facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

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2. Have you set publicly available solid waste reduction targets? If yes, what are those targets?

Describe:

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3. Do you measure the total water use from facilities that produce your product(s) for this Bid Opportunity? If yes, please report for the most recent year measured.

Describe:

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4. Have you set publicly available water use reduction targets? If yes, what are those targets?

Describe:

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**Natural Resources: Responsibly Sourced Raw Materials**

1. Have you established publicly available sustainability purchasing guidelines for your direct suppliers that address issues such as environmental compliance, employment practices and product safety?

Describe:

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**Social Responsibility: Ensuring Responsible and Ethical Production**

1. Do you have a process for managing social compliance at the manufacturing level?

Describe:

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2. Do you work with your supply base to resolve issues found during social compliance evaluations and also document specific corrections and improvements?

Describe:

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3. Do you invest in community development activities in the markets you source from and/or operate within? \_\_\_\_\_

Describe:

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