

FORM A: BID
(See B7)

1. Contract Title SUPPLY & INSTALLATION OF WATER TRAILER ENCLOSURES

2. Bidder

Name of Bidder

Street

City

Province

Postal Code

Facsimile Number

(Mailing address if different)

Street or P.O. Box

City

Province

Postal Code

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

E-mail 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 & INSTALLATION OF WATER TRAILER ENCLOSURES

UNIT PRICES

ITEM NO.	DESCRIPTION	SPEC. REF.	UNIT	APPROX. QUANTITY	UNIT PRICE	AMOUNT
1.	Water Trailer Enclosures	1050	(Each)	(6)	\$ _____	\$ _____
TOTAL BID PRICE (GST and MRST extra) (in figures) \$ _____						
(in words) _____						

Name of Bidder

FORM N: DETAILED SPECIFICATIONS 1050

1.0 **INTENT-**

- 1.1 It is the intent of these specifications to describe the **Supply & Installation of Water Trailer Enclosures**.
- 1.2 The Water Trailer Enclosures shall be the manufacturer's latest model. The Water Trailer Enclosures shall be furnished complete and ready for use. Any parts not specifically mentioned, but which are required to complete and place the Water Trailer Enclosures in to successful operation, shall be furnished as though specifically mentioned in these specifications. The complete Water Trailer Enclosures, and all parts thereof, shall conform in strength and quality of material and workmanship, to the best standards and engineering practice of the industry.
- 1.3 The ratings specified herein state the minimum values acceptable to the City, not implying that these values are sufficient for the design of the particular unit being bid.

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 **Water Trailer Enclosures** 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 = <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

- 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 & CONTRACTOR-

- 3.1 The manufacturer of the **Water Trailer Enclosures** shall have a **five (5) years continuous experience installing Water Trailer Enclosures** being offered.
- 3.2 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.
- 3.4 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.

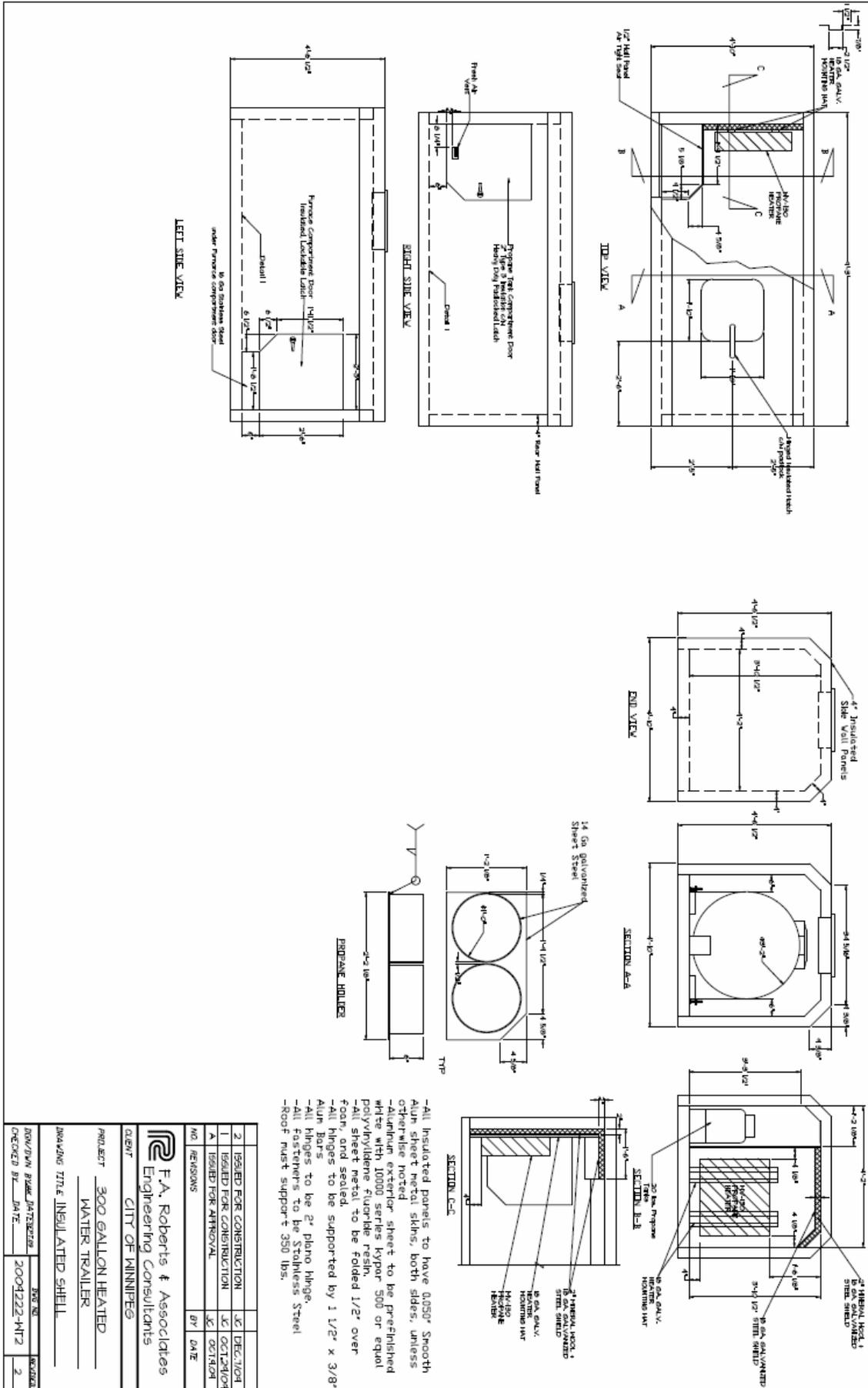
4.0 INSTRUCTIONS FOR COMPLETION OF SPECIFICATIONS-

- 4.1 All items in these specifications must be answered indicating compliance or non-compliance. Bidders shall state **“yes” for compliance or state deviation**, or state the information requested. All deviation shall be clearly stated and fully detailed. Alternatives shall be considered in accordance with the Bidding Instructions.
- 4.2 Bidders shall fill in every blank. Failure to do so may be used as a basis for rejection of bid.

5.0 INSTALLATION SPECIFICATIONS-

- 5.1 The Contract shall include the manufacture of an insulated foam panel enclosure, installed by the Contractor on a trailer fabricated by the City of Winnipeg.
- The Contractor shall install (6) 300 gallon poly water tanks supplied by the City of Winnipeg on the (6) trailers supplied by the City of Winnipeg .
 - To enclose (6) - 300 gal Poly tank with piping, two (2) – (20) lbs. propane tanks, (1) – propane heater.
 - Total width fender to fender = Approx. 6' 6 1/2"
 - Total length bumper to hitch = Approx 17' 6 7/8"
 - Trailer body length is approx 10' and width is 4' 10" between fenders
 - Two (2) 3500 lb axles
 - Trailer frames are galvanized
 - Cross member are 4" x 2" x 1/8" rectangular tube
 - Sills are 4" x 3" x 1/4" rectangular tube
-
- 5.2 The Contractor shall co-ordinate all activities with the Winnipeg Fleet Management Agency to permit the installation of the water tank, propane tanks and holders, gas heater, gas vent, all piping equipment and operating mechanisms.
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- 5.3 The Contractor shall have demonstrated experience in the fabrication of insulated foam panel enclosures for use on truck and trailer applications as per item 3.0 Qualifications.
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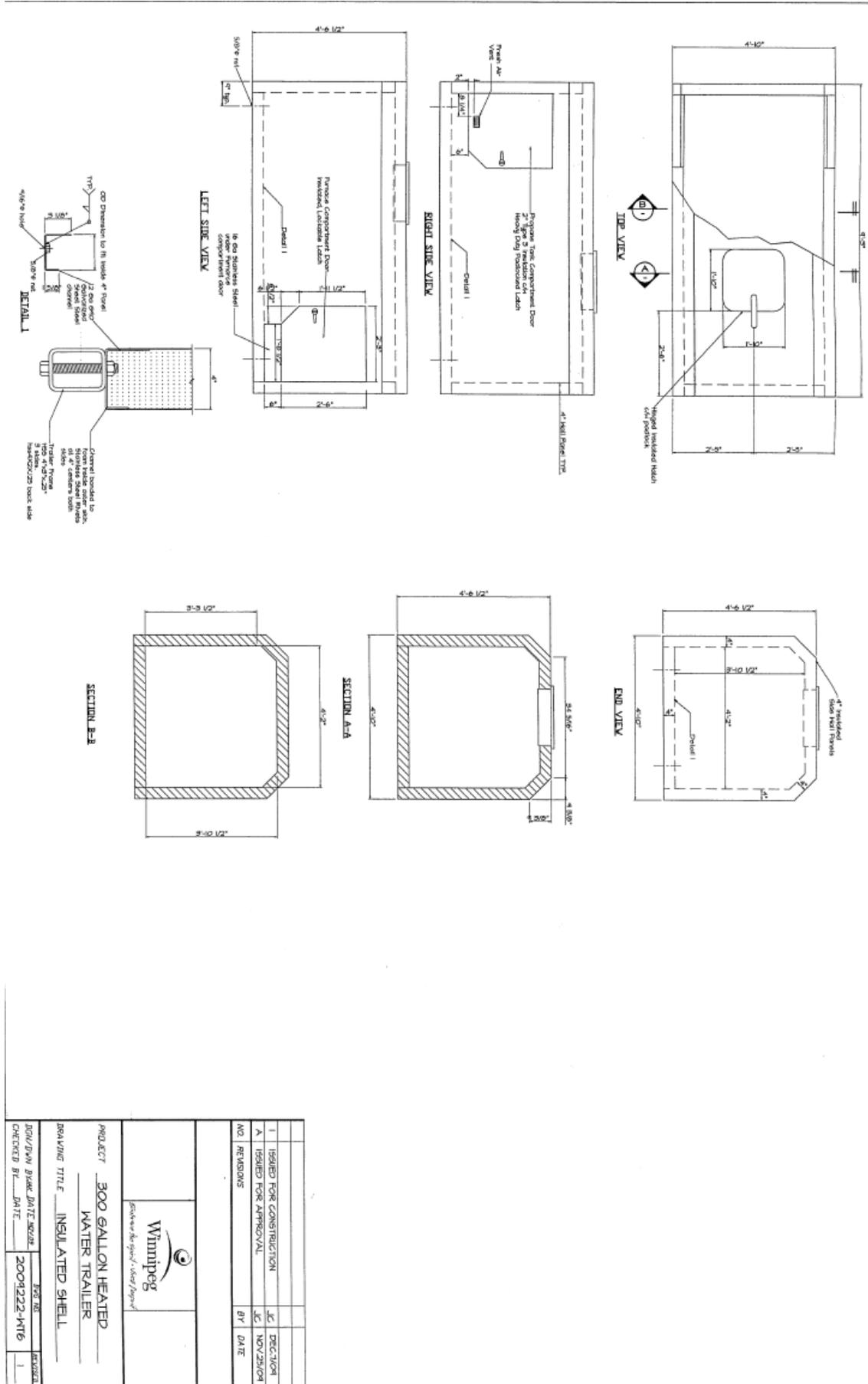
- 5.4 The enclosure shall be capable of supporting a 350 lb concentrated load applied anywhere on the top surface. _____
- 5.5 Insulation to be Styrobar 28 or equal, type 3 expandable polystyrene insulating foam. _____
- 5.6 Enclosure panels shall be laminated sandwich construction of exterior aluminum sheet, foam and interior aluminum sheet. _____
- 5.7 Exterior aluminum sheets shall be 16 gauge alloy 3003-H14 aluminum, prefinished in 'White' with 10,000 series Kynar 500 coating or equal polyvinylidene fluoride resin or equal. _____
- 5.8 Interior aluminum sheets shall be 20 gauge alloy 3003-H14 aluminum, prefinished in 'White' with 10,000 series Kynar 500 coating or equal polyvinylidene fluoride resin or equal. _____
- 5.9 Exterior and interior sheets shall be wrapped a ½ inch around all edges and fully bonded to the foam. _____
- 5.10 Aluminum sandwich panels shall be manufactured in a manner to insure strength, long term durability and dimensional stability and specifically shall be bonded in a press with a 1500 lbs/ft2 pressure. _____
- 5.11 Door construction shall be aluminum exterior 16 gauge sheet, expandable polystyrene foam, stainless steel interior sheet, type 304 of 24 gauge with polished finish. _____
- 5.12 Hinges shall be 2 inch, piano style, heavy gauge stainless steel. Hinges shall be supported in the panels and door by 1 ½" x 3/8" aluminum bars. _____
- 5.13 Door latches to be slam lock highway trailer or environmental chamber style suitable for extended use. Door latches shall be type 304 stainless steel polished to finish. _____
- 5.14 All fasteners shall be 300 or 400 series stainless steel pre-painted in "White" where installed on prefinished surfaces. _____
- 5.15 Construction and installation shall be subject to periodic inspection by Winnipeg Fleet Management designate. _____



- All insulated panels to have 0.050" Smooth Alum sheet metal skins, both sides, unless otherwise noted
- Aluminum exterior sheet to be pre-finished white with 10000 series Hypor 500 or equal polyvinylidene fluoride resin.
- All sheet metal to be folded 1/2" over
- All doors to be supported by 1 1/2" x 3/8" Alum B-posts
- All hinges to be 2" plano hinge.
- All fasteners to be Stainless Steel
- Roof must support 350 lbs.

<p>F. A. Roberts & Associates Engineering Consultants</p>	
CLIENT	CITY OF WINNIPEG
PROJECT	300 GALLON HEATED WATER TRAILER
DRAWING TITLE	INSULATED SHELL
DESIGNED BY	DATE
CHECKED BY	DATE
DATE	2004-22-412
NO. REV	2

Template Version: F020100304 - Fleet



 <p>Winnipeg <i>Discover the spirit of every project</i></p>													
PRODUCT: <u>300 GALLON HEATED WATER TRAILER INSULATED SHELL</u>													
DRAWING TITLE: <u>INSULATED SHELL</u>													
DOW/DPW DRAW DATE: <u>NOV 2008</u>	DWG NO: <u>2009222-INT6</u>												
CHECKED BY: <u>DATE</u>	DIVISION: <u>1</u>												
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1	ISSUED FOR CONSTRUCTION	JC	DEC 2008										
A	ISSUED FOR APPROVAL	JC	NOV 2008										

6.0 WARRANTY-

6.1 The warranty for the Water Trailer Enclosures shall cover the complete equipment, and all parts thereof against any defects of workmanship, construction and materials, for a period of not less than one (1) year on the entire unit "bumper to bumper" Any article 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. **State-**

7.0 DELIVERY-

7.1 **Delivery Point-** The Water Trailer Enclosures 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 215 Tecumseh Street, Winnipeg MB.

7.2 **Delivery Time-** Equipment shall be delivered between 8:00 am and 3:00 p.m. on Business Days.

7.3 **State Delivery Time-**

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

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

8.0 PERFORMANCE RELIABILITY-

8.1 The responsibility for the design of the **Water Trailer Enclosures**, its performance and reliability shall rest upon the Contractor.

8.2 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.

8.3 Where the **Water Trailer Enclosures** develops "repeated failures" in service, the Contractor shall make any necessary engineering changes, repairs, alterations or modifications in order to guarantee reliability of performance.
