

**RETURN BIDS TO:**  
**RETOURNER LES SOUMISSIONS À:**  
Bid Receiving - PWGSC / Réception des  
soumissions - TPSGC  
11 Laurier St. / 11, rue Laurier  
Place du Portage, Phase III  
Core 0A1 / Noyau 0A1  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL**  
**DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government  
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services  
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

**Comments - Commentaires**

<b>Title - Sujet</b> ZODIAC FC470 BOAT TRAILER	
<b>Solicitation No. - N° de l'invitation</b> W6399-140107/A	<b>Date</b> 2014-04-25
<b>Client Reference No. - N° de référence du client</b> W6399-140107	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$\$HP-918-65037	
<b>File No. - N° de dossier</b> hp918.W6399-140107	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> <b>on - le 2014-06-09</b>	
<b>Time Zone</b> <b>Fuseau horaire</b> Eastern Daylight Saving Time EDT	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Huda Dahir	<b>Buyer Id - Id de l'acheteur</b> hp918
<b>Telephone No. - N° de téléphone</b> (819) 956-1702 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>  Specified Herein Précisé dans les présentes	

**Instructions: See Herein**

**Instructions: Voir aux présentes**

**Vendor/Firm Name and Address**  
**Raison sociale et adresse du  
fournisseur/de l'entrepreneur**

**Issuing Office - Bureau de distribution**  
Vehicles & Industrial Products Division  
11 Laurier St./11, rue Laurier  
7A2, Place du Portage, Phase III  
Gatineau, Québec K1A 0S5

<b>Delivery Required - Livraison exigée</b> See Herein	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address</b> <b>Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm</b> <b>(type or print)</b> <b>Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)</b>	
<b>Signature</b>	<b>Date</b>

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## **PART 1 - GENERAL INFORMATION**

### **1. Requirement**

Canada is seeking proposals to procure:

- 1.1 Eight (8) Boat Trailers and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer.
- 1.2 Irrevocable options identified in Annex "A" - Pricing.
  - 1.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
  - 1.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.
  - 1.2.3 The options may be exercised within twelve (12) months after contract award.

### **2. Debriefings**

Bidders may request a debriefing on the results of the bid solicitation. Bidders should make the request to the Contracting Authority within 15 working days of receipt of notification that their bid was unsuccessful. The debriefing may be provided in writing, by telephone or in person.

## **PART 2 - BIDDER INSTRUCTIONS**

### **1. Standard Instructions, Clauses and Conditions**

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions (<http://ccua-sacc.tpsgc-pwgsc.gc.ca/pub/acho-eng.jsp>) Manual issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2014-03-01) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

**Delete:** sixty (60) days  
**Insert:** ninety (90) days

## **2. Submission of Bids**

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

## **3. Enquiries - Bid Solicitation**

All enquiries must be submitted to the Contracting Authority no later than seven (7) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a "proprietary" nature must be clearly marked "proprietary" at each relevant item. Items identified as proprietary will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered to all bidders. Enquiries not submitted in a form that can be distributed to all bidders may not be answered by Canada.

## **4. Applicable Laws**

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in *Ontario*.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the bidders.

## **5. Environmental Considerations**

Canada is committed to greening its supply chain. In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to acquire products and services that have a lower impact on the environment than those traditionally acquired. Environmental performance considerations include, among other things: the reduction of greenhouse gas emissions and air contaminants; improved energy and water efficiency; reduced waste and support reuse and recycling; the use of renewable resources; reduced hazardous waste; and reduced toxic and hazardous substances. In accordance with the Policy on Green Procurement, for this solicitation:

- Offerors / suppliers are requested to provide all correspondence including (but not limited to) documents, reports and invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.
- Offerors / suppliers should recycle (shred) unneeded copies of non-classified/secure documents (taking into consideration the Security Requirements).
- Product components used in performing the services should be recyclable and/or reusable, whenever possible.

## **6. Improvement of Requirement During Solicitation Period**

Should bidders consider that the specifications, Statement of Work or Purchase Description contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least seven (7) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

## **PART 3 - BID PREPARATION INSTRUCTIONS**

### **1. Bid Preparation Instructions**

Canada requests that bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (2 hard copies);

Section II: Financial Bid ( 1 hard copy);

Section III: Certifications (2 hard copies);

Section IV: Additional Information (2 hard copies)

Canada requests that bidders follow the format instructions described below in the preparation of their bid:

- (a) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (b) use a numbering system that corresponds to the bid solicitation;

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process Policy on Green Procurement

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(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should:

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

## 2. Section I: Technical Bid

In their technical bid, bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Bidders should complete and submit with their bid the following;

- Appendix "1" - Technical Information Questionnaire - Zodiac FC470 Boat Trailer.

### 2.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall<sup>(E)</sup>**" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work). Offerors / suppliers are encouraged to offer or suggest green solutions whenever possible.

2.1.1 Substitutes and alternatives that are equivalent in form, fit, function and performance will be considered for acceptance by the Technical Authority where the Bidder:

- (a) Clearly identifies a substitute and/or an alternative;
- (b) Designates the brand name, model and/or part number of the substitute and/or of the product, where applicable;
- (c) States that the substitute product is fully interchangeable with the item specified in the technical requirement description;
- (d) Provides complete specifications and brochures, where applicable;
- (e) Provides compliance statements that include technical details showing the substitute and/or the alternative meet all technical requirements specified in the technical requirement description; and

(f) Clearly identifies those areas in the technical requirement description and in the brochures that support the substitute and/or the alternative compliance with the technical requirements.

2.1.2 Substitutes and alternatives offered as equivalent in form, fit, function and performance will not be considered for acceptance by the Technical Authority if:

- (a) The bid fails to provide all of the information requested to allow the Technical Authority to fully evaluate the evaluate the equivalency; or
- (b) The substitute and/or the alternative fail to meet or fail to exceed the technical requirements specified in the technical requirement description.

### **3. Section II: Financial Bid**

Bidders must submit their financial bid in accordance with the Basis of Payment.

#### **3.1 Exchange Rate Fluctuation Risk Mitigation**

3.1.1 The Bidder may request Canada to assume the risks and benefits of exchange rate fluctuations. If the Bidder claims for an exchange rate adjustment, this request must be clearly indicated in the bid at time of bidding. The Bidder must submit form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments with its bid, indicating the Foreign Currency Component (FCC) in Canadian dollars for each line item for which an exchange rate adjustment is required.

3.1.2 The FCC is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuations. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.

3.1.3 The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provision in the contract. The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease).

3.1.4 At time of bidding, the Bidder must complete columns (1) to (4) on form [PWGSC-TPSGC 450](#), for each line item where they want to invoke the exchange rate fluctuation provision. Where bids are evaluated in Canadian dollars, the dollar values provided in column (3) should also be in Canadian dollars, so that the adjustment amount is in the same currency as the payment.

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3.1.5 Alternate rates or calculations proposed by the Bidder will not be accepted for the purposes of this exchange rate fluctuation provision.

#### **4. Section III: Certifications**

Bidders must submit the certifications required under Part 5 - Certifications.

#### **5. Section IV Additional Information**

Canada requests that bidders submit the following information:

##### **5.1 Delivery**

###### **5.1.1 Firm Quantity**

While delivery of the trailers is requested by June 27, 2014, the best delivery that can be offered is as follows:

**Item 001** – Four (4) boat trailers and related items will be delivered to Richmond, ON within \_\_\_\_\_ calendar days from the effective date of the contract.

**Item 002** – Four (4) boat trailers and related items will be delivered to Petawawa, ON within \_\_\_\_\_ calendar days from the effective date of the contract.

###### **5.1.2 Optional Quantity**

If an option is exercised, the best delivery that can be offered is as follows:

**Item 003** – Up to eight (8) boat trailers and related items will be delivered within \_\_\_\_\_ calendar days after an option is exercised.

### **PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION**

#### **1. Evaluation Procedures**

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

##### **1.1 Mandatory Technical Evaluation Criteria**

### **1.1.1 Mandatory Proof of Compliance**

Bidders must submit, with their bid, all proof of compliance required in the Annex “B” - Purchase Description for Zodiac FC470 Boat Trailer and Appendix “1” - Technical Information Questionnaire - Zodiac FC470 Boat Trailer.

### **1.1.2 Substitutes and/or Alternatives**

Bidders proposing substitutes and/or alternatives must provide all the information as detailed in Part 3, Section 1, - Substitutes and Alternatives to be considered for evaluation.

## **1.2 Mandatory Financial Evaluation Criteria**

**1.2.1** Bidders must provide, with their bid, the financial information requested in the bid solicitation and at Annex A - Pricing for items **001, 002, 003**.

**1.2.2** The prices of the bid Bids must be in Canadian dollars, DDP Delivered Duty Paid at destination, Incoterms 2000, for the firm quantity for **items 001 and 002** and FCA Free Carrier at Contractor's Canadian facility, Incoterms 2000 for optional quantities **item 003**. Canadian Custom Duties and Excise Taxes included where applicable, and Applicable Taxes are extra.

### **1.2.3 Aggregate Evaluated Price**

Bids will be evaluated on an aggregate price basis for the firm quantity, optional quantity and and familiarization instruction/training (option) as follows:

- a) the firm unit price for the firm quantity, the optional quantity and familiarization instruction/training (option) will be multiplied by their identified estimated quantities; and
- b) the sum of all results will determine the aggregate evaluated price.

## **2. Basis of Selection**

A bid must comply with the requirements of the bid solicitation and meet all mandatory technical and financial evaluation criteria to be declared responsive. The responsive bid with the lowest evaluated aggregate price will be recommended for award of a contract.

## **PART 5 - CERTIFICATIONS**

Bidders must provide the required certifications and associated information to be awarded a contract.

The certifications provided by bidders to Canada are subject to verification by Canada at all times. Canada will declare a bid non-responsive, or will declare a contractor in default in carrying out any of its obligations under the Contract, if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and cooperate with any request or requirement imposed by the Contracting Authority may render the bid non-responsive or constitute a default under the Contract.

### **1. Certifications Required Precedent to Contract Award**

#### **1.1 Integrity Provisions – Associated Information**

By submitting a bid, the Bidder certifies that the Bidder and its Affiliates are in compliance with the provisions as stated in Section 01 Integrity Provisions - Bid of Standard Instructions 2003. The associated information required within the Integrity Provisions will assist Canada in confirming that the certifications are true.

#### **1.2 Federal Contractors Program for Employment Equity - Bid Certification**

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "[FCP Limited Eligibility to Bid](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)" list ([http://www.labour.gc.ca/eng/standards\\_equity/eq/emp/fcp/list/inelig.shtml](http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml)) available from [Employment and Social Development \(ESDC\) - Labour's](#) website.

Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list at the time of contract award.

### **2. Additional Certifications Required Precedent to Contract Award**

The certifications listed below should be completed and submitted with the bid, but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to

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provide the information. Failure to comply with the request of the Contracting Authority and to provide the certifications within the time frame provided will render the bid non-responsive.

## **2.1 Product Conformance**

The Bidder certifies that all vehicles/equipment proposed conform, and will continue to conform throughout the duration of the contract, to all technical specifications of the purchase description(s).

This certification does not relieve the bid from meeting all mandatory technical evaluation criteria detailed in Part 4.

\_\_\_\_\_  
Bidder's authorized representative signature

\_\_\_\_\_  
Date

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## **PART 6 - RESULTING CONTRACT CLAUSES**

### **1. Requirement**

- 1.1 The Contractor must deliver eight (8) Boat Trailers and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer.
- 1.2 The Contractor grants to Canada irrevocable options identified in Annex "A" - Pricing.
  - 1.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.
  - 1.2.2 The options may be exercised in whole or in part and on more than one occasion at the sole discretion of Canada, up to the maximum quantity identified in Annex "A" - Pricing.
  - 1.2.3 The options may be exercised within Twelve (12) months after contract award.

### **2. Standard Clauses and Conditions**

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<http://sacc.pwgsc.gc.ca/sacc/index-e.jsp>) issued by Public Works and Government Services Canada.

#### **2.1 General Conditions**

2010A (2014-03-01) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

Section 09 entitled Warranty of general conditions 2010A is amended by deleting subsection 2 in its entirety and replacing it with the following:

The Contractor must pay the transportation cost associated with returning the Work or any part of the Work to the Contractor's plant for replacement, repair or making good. The Contractor must also pay the transportation cost associated with forwarding the replacement or returning the Work or part of the Work when rectified to the delivery point specified in the Contract or to another location as directed by Canada. If, in the opinion of Canada, it is not expedient to remove the Work from its location, the Contractor must carry out any necessary repair or making good of the Work at that location. In such cases, the Contractor will be responsible for all Costs

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(including travel and living expenses) incurred in so doing, Canada will not reimburse these Costs.

If action to effect repairs under warranty cannot be initiated within **two (2)** working days and completed within a reasonable length of time or if the Contractor has no repair facilities in the immediate vicinity (**within 100 kilometres**) of the specified delivery destinations (consignees), the Department of National Defence reserves the right to make such repairs and be reimbursed by the Contractor at the rate of **\$103.91** per hour for labour and the cost for replaced parts."

### 3. Term of Contract

#### 3.1 Delivery of Trailers

##### 3.1.1 Firm Quantity

Delivery date of the trailers must be made as follows:

**Item 001** – Four (4) boat trailers and related items must be delivered to Richmond, ON on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

**Item 002** – Four (4) boat trailers and related items must be delivered to Petawawa, ON on or before \_\_\_\_\_ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

##### 3.1.2 Option Quantity

**Item 003** – Up to eight (8) boat trailers and related items to be delivered within \_\_\_\_\_ calendar days after an option is exercised. (Days to be inserted by PWGSC the Contracting Authority at time of contract award.)

### 4. Authorities

#### 4.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: **Huda Dahir**  
Title: Supply Specialist  
Organization: Public Works and Government Services Canada - Acquisitions Branch  
LEFT Directorate, HP Division,  
7A2, Place du Portage, Phase 3, 11 Laurier Street, Gatineau Quebec,  
K1A 0S5

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Telephone: 819 956-1702  
E-mail: **huda.dahir@pwgsc-tpsgc.gc.ca**

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

#### 4.2 Procurement Authority

The Procurement Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: - - -  
Facsimile: - - -  
E-mail: \_\_\_\_\_

The Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The Procurement Authority is responsible for the implementation of tools and processes required for the administration of the Contract. The Contractor may discuss administrative matters identified in the Contract with the Procurement Authority however the Procurement Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of Work can only be made through a contract amendment issued by the Contracting Authority.

#### 4.3 Technical Authority:

The Technical Authority for the Contract is:

Name: \_\_\_\_\_ (To be inserted by PWGSC at time of contract award.)  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Telephone: - - -  
Facsimile: - - -

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E-mail: \_\_\_\_\_

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

#### 4.4 Contractor's Representative

Name and telephone number of the person responsible for :

##### General enquiries

Name: \_\_\_\_\_ (To be completed by the bidder.)

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Facsimile: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

E-mail: \_\_\_\_\_

##### Delivery follow-up

Name: \_\_\_\_\_ (To be completed by the bidder.)

Title: \_\_\_\_\_

Telephone: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

Facsimile: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_

E-mail: \_\_\_\_\_

#### 4.5 After Sales Service

- 4.5.1 The following dealer and/or agent is authorized to provide after sales service, maintenance and warranty repairs and a full range of repair parts for the vehicle/equipment offered:

##### Item 001

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

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

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

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### Item 002

Name: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

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

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

### Item 003

Name: \_\_\_\_\_ (To be inserted if the option is exercised.)

Address: \_\_\_\_\_

\_\_\_\_\_

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

Distance between the delivery location and the dealer and/or agent: \_\_\_\_\_ km

## 5. Payment

### 5.1 Basis of Payment - Firm Unit Price(s)

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid the firm unit price(s) specified in Annex "A" - Pricing, and as follows:

Basis of Payment (BOP) Type 1: Firm unit prices in Canadian dollars, Delivered Duty Paid at destination, Incoterms 2000, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

Basis of Payment (BOP) Type 2: Firm unit prices in Canadian dollars, FCA Free Carrier, Incoterms 2000 at Contractor's Canadian facility or Contractor's Canadian distribution point, including Canadian Custom Duties and Excise Taxes included where applicable, and applicable Taxes are extra.

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Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

## 5.2 SACC Manual Clauses

H1001C Multiple Payments 2008-05-12

## 5.3 Exchange Rate Fluctuation Adjustment

- 5.3.1 The foreign currency component (FCC) is defined as the portion of the price or rate that will be directly affected by exchange rate fluctuation. The FCC should include all related taxes, duties and other costs paid by the Bidder and which are to be included in the adjustment amount.
- 5.3.2 For each line item where a FCC is identified, Canada assumes the risks and benefits for exchange rate fluctuation, as shown in the Basis of Payment. For such items, the exchange rate fluctuation amount is determined in accordance with the provision of this clause.
- 5.3.3 The total price paid by Canada on each invoice will be adjusted at the time of payment, based on the FCC and the exchange rate fluctuation provisions in the contract. The exchange rate adjustment amount will be calculated in accordance with the following formula:  
$$\text{Adjustment} = FCC \times Qty \times (i_1 - i_0) / i_0$$
*where formula variables correspond to:*  
FCC Foreign Currency Component (per unit)  
 $i_0$   
Initial exchange rate (CAN\$ per unit of foreign currency [e.g. US\$1])  
 $0i_1$   
exchange rate for adjustments (CAN\$ per unit of foreign currency [e.g. US\$1])  
Qty quantity of units
- 5.3.4 The initial exchange rate is typically set as the noon rate as published by the Bank of Canada on the solicitation closing date.
- 5.3.5 For goods, the exchange rate for adjustment will be the noon rate as published by the Bank of Canada on the date the goods were delivered. For services, the exchange rate for adjustment will be the noon rate on the last business day of the month for which the services were performed. For advance payments, the exchange rate for adjustment will be the noon rate on the date the payment was due. The most recent noon rate will be used for non-business days.

- 5.3.6 The Contractor must indicate the total exchange rate adjustment amount (either upward, downward or no change) as a separate item on each invoice or claim for payment submitted under the Contract. Where an adjustment applies, the Contractor must submit with their invoice form [PWGSC-TPSGC 450](#), Claim for Exchange Rate Adjustments.
- 5.3.7 The exchange rate adjustment will only be applied where the exchange rate fluctuation is greater than 2% (increase or decrease), calculated in accordance with column 8 of form [PWGSC-TPSGC 450](#) (i.e.  $[i_1 - i_0] / i_0$ ).
- 5.3.8 Canada reserves the right to audit any revision to costs and prices under this clause.

## 6. Invoicing Instructions

- 6.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed. Offerors /suppliers are requested to provide invoices in electronic format unless otherwise specified by the Contracting Authority or Project Authority, thereby reducing printed material.

- 6.2 Invoices must be distributed as follows:

- (a) The original and one (1) copy must be forwarded to the following address for certification and payment:

National Defence Headquarters  
Mgen George R. Pearkes Bldg  
101 Colonel By Drive  
Ottawa, Canada  
K1A 0K2

Attention: DLP (To be inserted by PWGSC at time of contract award.)

- (b) One (1) copy must be forwarded to the PWGSC Contracting Authority identified under the section entitled "Authorities" of the Contract.

- 6.3 Holdback

A ten percent (10%) holdback will apply on the total price of each vehicle: Item 001: quantity four (4), Item 002: quantity four (4), and Item 003: quantity up to eight (8) on any due payment of the said vehicle/equipment. Release of the holdback (10%) is conditional upon receipt and certified acceptance by inspection authority of the said vehicle and all related items as identified in Annex "A" - Pricing.

Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Taxes payable as it was claimed and payable under the previous invoice.

- (a) The original and one (1) copy of the invoice for the holdback must be forwarded to the Procurement Authority identified under the section entitled "Authorities" of the Contract.
- (b) One (1) copy must be forwarded to the Contracting Authority identified under the section entitled "Authorities" of the Contract.

## 7. Certifications

### 7.1 Compliance

Compliance with the certifications and related documentation provided by the Contractor in its bid is a condition of the Contract and subject to verification by Canada during the term of the Contract. If the Contractor does not comply with any certification, provide the related documentation or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

## 8. Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Ontario.

## 9. Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) 2010A (2014-03-01) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer;
- (e) Appendix 1- Technical Information Questionnaire - Zodiac FC470 Boat Trailer;
- (f) the Contractor's bid dated \_\_\_\_\_.

## 10. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2012-07-16

A9049C	Vehicle Safety	2011-05-16
C2800C	Priority Rating	2013-01-28
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D5545C	ISO 9001:2000 - Quality Management Systems - Requirements (QAC C)	2010-08-16
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

## 11. Inspection and Acceptance

The Technical Authority or his representative is the Inspection Authority. All reports, deliverable items, documents, goods and all services rendered under the Contract are subject to inspection by the Inspection Authority or representative. Should any report, document, good or service not be in accordance with the Requirements and to the satisfaction of the Inspection Authority, as submitted, the Inspection Authority will have the right to reject it or require its correction at the sole expense of the Contractor before recommending payment.

## 12. Preparation for Delivery

The vehicle / equipment must be serviced, adjusted and delivered in condition for immediate use. The interior and exterior must be cleaned before leaving the factory and being released to **inspection authority or consignee** personnel at the final delivery location.

The fuel tanks must be at least half full prior to release of the vehicle(s) to **inspection authority or consignee**.

All vehicles delivered to the consignee are to be delivered between the hours of 8:00 am and 4:00 pm Monday through Friday, except Federal holidays. Any attempt by the carrier to deliver vehicles before or after these hours may be refused unless arrangements have been made for authorized, qualified personnel to be available to perform inspections and to accept the delivery. When the carrier is required to return due to its failure to make an appointment for delivery, Canada will not be liable to pay for additional costs.

## 13. Shipping Instructions - Delivery at Destination (For Firm quantities)

- 13.1 The Contractor must ship the goods prepaid DDP - Delivered Duty Paid (as detailed at Annex 'A' - Pricing). Unless otherwise directed, delivery must be made by the most economical means. Shipping charges must be shown as a separate item on the Contractor's invoice. The Contractor is responsible for all delivery charges, administration, costs and risks of transport and customs clearance, including the payment of customs duties and taxes.
- 13.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in

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Annex "A"- Pricing. The consignee may refuse shipments when prior arrangements have not been made.

#### **14. Post-Contract Award Meeting/Pre-Production Meeting**

Within ten (10) working days of the receipt of the Contract, the Contractor must contact the Technical Authority to determine the details of a pre-production meeting. The meeting will be held at the Contractor's plant \_\_\_\_\_ (specify location). Cost of holding such pre-production meeting must be included in the price of the bid. Please note that the travel and living expenses for Government Personnel will be arranged and paid for by the Canada. The crown reserves the right to carry out the Post-Contract Award Meeting/Pre-Production Meeting via teleconference.

#### **15. Progress Reports**

The contractor must prepare and submit monthly progress reports in two (2) copies, one to the Procurement Authority and one copy of the report must also be forwarded to the Contracting Authority.

Each progress report must address the following questions:

- (a) Is the delivery on schedule?
- (b) Is the Contract free of any areas of concern in which the assistance or guidance of Canada may be required?
- (c) Each negative response must be supported with an explanation.

#### **16. Tools and Loose Equipment**

For shipment verification, all items and tools, which are shipped loose with the vehicle/equipment must be listed on the Inspection Certificate (CF 1280) or on an attached packing note.

#### **17. Spare Parts Availability**

The contractor must ensure that spare parts required to properly maintain and repair the complete vehicle covered by this specification will be available for purchase by the Department of National Defence, or its authorized agents, for a period of ten (10) years.

#### **18. Material**

Material supplied must be new unused and of current production by manufacturer. (2014 model-year or newer).

Solicitation No. - N° de l'invitation  
W6399-140107/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp918

Client Ref. No. - N° de réf. du client  
W6399-140107

File No. - N° du dossier  
hp918W6399-140107

CCC No./N° CCC - FMS No./N° VME

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## **19. Design Changes**

The "Design Change, Design Deviation and Waiver Procedure" as defined in National Defence Standard **D-02-006-008/SG-0001** must apply.

## **20. Interchangeability**

Unless changes during the production run are authorized by Procurement Authority , all vehicles supplied against any one item of a contract must be the same make and model, and all like assemblies, sub-assemblies and parts must be interchangeable.

## **21. Packaging**

The methods used for preservation and packaging must be in conformity with the Contractor's normal standard for domestic shipment or, if necessary, with standards for overseas shipment as below deck cargo.

## **22. Service at Delivery**

The Contractor must send a Service Representative to each delivery destination to perform the assembly/preparation on all vehicles delivered. Cost to provide this service must be included in the price of each vehicle.

## **23. Vehicle Recall Notices**

All vehicle recall notices must be forwarded to:

National Defence Headquarters  
MGen George R. Pearkes Building  
101 Colonel By Drive  
Ottawa, Ontario K1A 0K2

Attention: **(designation and name of TA to be inserted by PWGSC at contract award)**

Solicitation No. - N° de l'invitation  
W6399-140107/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp918

Client Ref. No. - N° de réf. du client  
W6399-140107

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hp918W6399-140107

CCC No./N° CCC - FMS No./N° VME

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## ANNEX "A" - PRICING

### **Item 001 BOAT TRAILER (Firm Quantity)**

The Contractor must deliver the vehicle/equipment in accordance with the attached Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer and Appendix "1" - Technical Information Questionnaire - Zodiac FC470 Boat Trailer.

The boat trailers and related items must be delivered to:

Department of National Defence  
8355 Franktown Road  
Richmond, Ontario

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per vehicle, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 5.1 Basis of Payment).

Quantity: Four (4).

### **Item 002 BOAT TRAILER (Firm Quantity)**

The Contractor must deliver the vehicle/equipment in accordance with the attached Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer and Appendix "1" - Technical Information Questionnaire - Zodiac FC470 Boat Trailer.

The boat trailers and related items must be delivered to:

Department of National Defence  
46 Centurion Road  
Petawawa, Ontario

Delivery contact: \_\_\_\_\_ (Name to be inserted by PWGSC at time of contract award.)

Solicitation No. - N° de l'invitation  
W6399-140107/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur  
hp918

Client Ref. No. - N° de réf. du client  
W6399-140107

File No. - N° du dossier  
hp918W6399-140107

CCC No./N° CCC - FMS No./N° VME

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Date of delivery: \_\_\_\_\_ (Date to be inserted by PWGSC at time of contract award.)

Firm unit price of \$ \_\_\_\_\_ per vehicle, including all equipment and related items, in accordance with Basis of Payment Type 1 (as detailed at Clause 5.1 Basis of Payment).

Quantity: Four (4).

**Item 003 BOAT TRAILER (Optional Quantity)**

If this option is exercised, the Contractor must deliver the vehicle/equipment in accordance with Annex "B" - Purchase Description for Zodiac FC470 Boat Trailer and Appendix "1" - Technical Information Questionnaire - Zodiac FC470 Boat Trailer.

Firm unit price of \$ \_\_\_\_\_ per vehicle/equipement in accordance with Basis of Payment Type 2 (as detailed at Clause 5.1 Basis of Payment).

Quantity: Up to eight (8).



**NOTICE**

This documentation has been reviewed by the technical authority and does not contain controlled goods.

**AVIS**

Cette documentation a été révisée par l'autorité technique et ne contient pas de marchandises contrôlées.

**PURCHASE DESCRIPTION  
FOR  
ZODIAC FC470 BOAT TRAILER**

**1.0 SCOPE**

**1.1. General**

This Purchase Description describes the requirements for towable trailers for the Zodiac FC470 Inflatable boat.

**1.2. Instructions**

The following instructions apply to the interpretation of this purchase description:

- (a) Requirements, which are identified by the word “shall”, are mandatory. Deviations will not be permitted;
- (b) Requirements identified by “shall<sup>(E)</sup>” are mandatory. The Technical Authority will consider substitutes/alternatives for acceptance as an Equivalent;
- (c) Requirements identified with a “will” define actions to be performed by Canada and require no action/obligation on the Contractor’s part;
- (d) Where “shall”, “shall<sup>(E)</sup>”, or “will” are not used, the information provided is for guidance only;
- (e) In this document "provided" shall mean "provided and installed";
- (f) Where technical certification is required, a copy of the certification or an acceptable proof of compliance shall be provided upon request;
- (g) Metric measurements shall be used to define the requirement. Other measurements are for reference only and may not be exact conversions; and
- (h) Dimensions stated as nominal shall be treated as approximate dimensions. Nominal dimensions reflect a method by which materials or products are generally identified for sale commercially, but which differ from the actual dimensions.

1.3. Definitions

The following definitions apply:

- (a) "Technical Authority" - The government official responsible for technical content of this requirement;
- (b) "Equivalent" - A standard, means, or component type, which has been accepted by the Technical Authority as meeting the specified requirements for form, fit, function and performance;
- (c) "Proof of Compliance" is defined as an unaltered document, such as a brochure and/or technical literature and/or a third party test report provided by a nationally and/or internationally recognized testing facility and/or a report generated by a nationally and/or internationally recognized third party software. The document shall provide detailed information on each performance requirement and/or specification. Where a document submitted as Proof of Compliance does not cover all the performance requirements and/or specifications or when no such document is available or when modifications to the original equipment or customization are required to achieve the performance requirements and/or specifications, a Certificate of Attestation (as a separate document) signed by a senior engineer representing the Original Equipment Manufacturer (OEM) detailing the modifications and how they meet the performance requirements and/or specifications shall be provided. The certificate shall detail all performance requirements and/or specifications required to substantiate compliance. One certificate can be provided for one or all performance requirements and/or specifications;
- (d) The term "Quality Assurance Representative" is defined as the government officer responsible for ensuring that the Contractor quality system, material and services supplied meet the contract requirement; and
- (e) The term "GVWR" is defined as gross vehicle weight rating and includes the weight of the vehicle and the maximum carrying capacity.

1.4. Technical Information Questionnaire

The following applies:

- (a) The bidder shall complete a Technical Information Questionnaire for the vehicle being offered. Failure to provide specified brochures, performance analysis, drawings, curves or tables may render the proposal non-compliant; and
- (b) A nil response to a Technical Information Questionnaire question may be considered non-compliant. Any deviation from the purchase description shall be listed in the Conformance Certificate.

1.5. Applicable Documents

The following documents form part of this Purchase Description. Effective documents are those in effect on date of manufacture. Sources are as shown:

Canadian Motor Vehicle Safety Standards (CMVSS)  
International Standards Council of Canada  
Safety Acts and Regulations  
Standardization Branch, 350 Sparks St  
Suite 1200, Ottawa, Ontario K1P 6N7

SAE Handbook  
Society of Automotive Engineers Inc.  
400 Commonwealth Dr.  
Warrendale, PA, 15096  
www.sae.org

Canadian Standards Association (www.csa.ca)

- CSA W47.1 M 1987 Certification of Companies for Fusion Welding of Steel (www.csa.ca)
- CSA W59-03 Welded Steel Construction (www.csa.ca)

American Welding Society (www.aws.org)

- AWS D1.1 Structural Welding Code - Steel

International Organization for Standards (www.iso.org)

- ISO 9606-1 Approval Testing of Welders - Fusion Welding - Part 1: Steel

## 2.0 **REQUIREMENTS**

### 2.1. Standard Design

The Zodiac FC470 Boat Trailer shall:

- (a) Be the latest model from a manufacturer who has demonstrated acceptability by manufacturing and selling this type and size class of trailer for at least five (5) years;
- (b) Have engineering certification available, upon demand, for this vehicle/equipment from the original manufacturers of major components and major equipment systems and assemblies;
- (c) Conform to all applicable laws, regulations and industry standards governing manufacture, safety, noise levels and pollution in effect in Canada at time of manufacture;
- (d) Not have system and component capacities increased above published ratings (i.e. product or component brochures); and
- (e) Include all components, and accessories normally supplied for the intended equipment application, although they may not be specifically described in this Purchase Description.

### 2.2. Operating Conditions

The Zodiac FC470 Boat Trailer shall operate safely and efficiently on paved roads, gravel roads and dirt roads with severe washboard, pot holes and off-road terrain in year round conditions including mud, snow and ice in the temperature range of -34°C to 37°C.

### 2.3. Vehicle Safety Regulations

The Zodiac FC470 Boat Trailer shall meet the provisions of the Canada Motor Vehicle Safety Act, in accordance with the CMVSS, in effect upon the date of manufacture of the vehicle. The completed trailer shall have a Safety Compliance Certification Label with a National Safety Mark (NSM), as a seal of compliance. The bidder shall submit, upon request, variant equipment integrator National Safety Mark (NSM) certification number and a proof of registration with Transport Canada as a Final Stage Manufacturer for the trailer.

### 2.4. Human Engineering and Safety

The Zodiac FC470 Boat Trailer, all systems and components shall:

- (a) Be designed for easy performance of all maintenance and repair tasks with a minimum of special tools including:
  - i. A 95th percentile male or 5th percentile female, in accordance with SAE Rule B3.9.4, is able to easily access all components for preventive maintenance, removal and repair tasks; and
  - ii. Have access panels that are not permanently attached (i.e. no riveted plates);
- (b) Be safe and easy to use by a 95th percentile male or 5th percentile female under all operating conditions;
- (c) Be equipped, where required for operator safety, with safety features such as warning and instruction plates, non-slip walking surfaces and heat shields; and
- (d) Construction shall be free from sharp edges and protruding objects capable of snagging loose clothing or impeding occupants moving about.

#### 2.5. General Description

The Zodiac FC470 Boat Trailer shall:

- (a) Be designed to launch, recover and transport a Zodiac FC470 Inflatable Boat as follows:
  - i. 4.7 m (15.4 ft) long;
  - ii. 1.9 m (6.25 ft) wide;
  - iii. Aluminum roll-up floor;
  - iv. Inflatable keel; and
  - v. 55 HP Evinrude™ outboard motor, Model # E55 MPLIIM, with a leg length of 51 cm (20 in);
- (b) Have a GVWR of no less than 700 kg (1540 lbs) and an overall width of no more than 2.6 m (8.5 ft) in accordance with the requirements of the CMVSS for operation on Canadian roadways;
- (c) Support the weight of the boat from stem to transom on padded bunks;
- (d) Support the centered weight of the boat such that the tongue weight is between 8% to 10% of the total load; and
- (e) Have sufficient robustness to withstand frequent use and long journeys over rough terrain with the loaded boat in place.

#### 2.6. Construction Requirements

##### 2.6.1. Standards of Construction

The Zodiac FC470 Boat Trailer shall<sup>(E)</sup>:

- (a) Be constructed in accordance with, and be compliant to, all relevant portions the Canadian welding standards (or equivalent for manufacturers outside of Canada) for the size and style of trailer being offered;
- (b) Have all welders involved in the welding of the trailer certified to one of the following standards:
  - i. Canada - Current division three certification in accordance with CSA W47.1;
  - ii. United States - Current certification in accordance with AWS D1.1; or

- iii. International - Current welder performance qualifications for steel joint welds in accordance with ISO 9606-1.
- (c) Have all welds inspected by a certified Welding Inspector in accordance with the above standards;
- (d) Include copies of all welding inspections with each trailer; and
- (e) Include, upon request, a letter of validation demonstrating proof of current certification from the appropriate agency for the welders and inspectors.

#### 2.6.2. Construction Materials

All material used in the construction of the Zodiac FC470 Boat Trailer shall be in accordance with the following:

- (a) Include components, equipment and material manufactured of new material of high quality and capable of withstanding a marine environment;
- (b) Utilize corrosion resistant materials that are suitable for use in fresh and salt water environments;
- (c) Include materials exposed to sunlight that resist degradation from ultraviolet radiation; and
- (d) Insulate dissimilar metals employed in close proximity to prevent galvanic interaction.

#### 2.6.3. Construction Fasteners

All fasteners used in the construction of the Zodiac FC470 Boat Trailer shall<sup>(E)</sup> be in accordance with the following:

- (a) Fasteners to include nuts and bolts, and aluminum or stainless steel washers or backing plates, when directly threaded into aluminum alloys;
- (b) Utilize stainless steel fasteners as follows:
  - i. ASTM-A 276 type 316 throughout for fasteners ¼” diameter or greater; and
  - ii. ASTM-A 276 type 304 (18-8) for fasteners smaller than ¼” diameter;
- (c) Not utilize cadmium plated parts, fasteners or washers;
- (d) Utilize self-locking fasteners, as applicable, to prevent loosening under vibration; and
- (e) Permit accessibility of all fasteners for inspection and replacement, either directly or with the removal of interference equipment where necessary.

#### 2.7. Trailer

The Zodiac FC470 Boat Trailer shall<sup>(E)</sup> be comprised of the following systems and equipment (as detailed in the following sections):

- (a) Frame;
- (b) Padded Bunks;
- (c) Axle;

- (d) Suspension;
- (e) Wheel Assembly;
- (f) Electrical;
- (g) Winch; and
- (h) Miscellaneous.

2.7.1. Frame

The Zodiac FC470 Boat Trailer frame shall:

- (a) Have a hot dipped galvanized all welded construction perimeter style box frame with box style cross members;
- (b) Have an adjustable padded bow stop to fit the bow of boat with a safety chain and shackle to secure the bow of the boat to the trailer; and
- (c) Have a boat securing system as follows:
  - i. Four (4) "D-Ring" re-locatable tie-down brackets, two (2) on each side of the frame; and
  - ii. Two (2) 5 cm (2 in) wide straps capable of spanning the circumference of the boat and securing the boat to the frame with manual ratchet-style winches.

2.7.2. Padded Bunks

The Zodiac FC470 Boat Trailer shall<sup>(E)</sup> have padded support bunks as follows:

- (a) Consist of two (2) outside and two (2) center bunks for keel support with a length (each) of not less than 2.4 m (8 ft);
- (b) Be a fully adjustable for height, angle and side-to-side; and
- (c) Be constructed of wood with carpet padding.

2.7.3. Axle

The Zodiac FC470 Boat Trailer axle shall<sup>(E)</sup>:

- (a) Have a single axle;
- (b) Have a solid galvanized one-piece round tube type interconnection from side to side;
- (c) Be rated to no less than the trailer GVWR plus 15%; and
- (d) Include grease type stainless steel bearing buddies (EZ-Lube or equivalent).

2.7.4. Suspension

The Zodiac FC470 Boat Trailer suspension shall<sup>(E)</sup>:

- (a) Be an under slung leaf type suspension; and

- (b) Be rated to no less than the trailer GVWR plus 15%.

2.7.5. Wheel Assembly

The Zodiac FC470 Boat Trailer wheel assembly shall<sup>(E)</sup>:

- (a) Have nominal 33 cm (13 in) diameter bolt on style galvanized rims; and
- (b) Use radial tires with a load and speed rating appropriate to the GVWR and towing speed.

2.7.6. Electrical

The Zodiac FC470 Boat Trailer electrical system shall<sup>(E)</sup> be as follows:

- (a) Have lighting as follows:
  - i. Compliant with the CMVSS; and
  - ii. 12 volt "Grote" brand LED Lighting, with plug in connectors;
- (b) Include a seven (7) pole Recreational Vehicle style trailer to towing vehicle connector;
- (c) Utilize waterproof electrical connections; and
- (d) Not use solderless connectors.

2.7.7. Winch

The Zodiac FC470 Boat Trailer winch shall<sup>(E)</sup>:

- (a) Have a manual crank;
- (b) Have a heavy duty web strap for boat launch/recovery as follows:
  - i. Nominal 5 cm (2 in) wide;
  - ii. No less than 6 m (20 ft) in length; and
  - iii. Include a spring-loaded self-locking hook on the boat end;
- (c) Have a capacity, based on engagement of the first wrap of the strap, of no less than 680 kg (1500 lbs).

2.7.8. Miscellaneous

The Zodiac FC470 Boat Trailer shall<sup>(E)</sup> have:

- (a) A Pintle hitch coupler for attachment to a Pintle hook with an adjustable height channel;
- (b) Two (2) galvanized safety chains complete with shackles of suitable size and rating to secure the trailer to the towing vehicle in case of hitch failure;
- (c) A tongue jack as follows:
  - i. Adjustable along the trailer tongue length;
  - ii. Swivel type with wheel; and
  - iii. Minimum 100 kg (220 lbs) capacity;
- (d) A spare wheel assembly on a lockable mount on the trailer;
- (e) High visibility tape along the full length of the trailer on both sides, and across the rear; and

- (f) Heavy-duty enclosed galvanized steel fenders on each wheel sufficient to support the weight of a person (100 kg (220 lbs)) complete with mud flaps to prevent road damage to the boat.

**TECHNICAL INFORMATION QUESTIONNAIRE  
ZODIAC 470 BOAT TRAILER**

This questionnaire covers technical information, which shall be provided for evaluation of the vehicle offered.

Where the specification paragraphs below indicate “Proof of Compliance”, the “Proof of Compliance” shall be provided for each performance requirement/specification.

Offerors should indicate the document name/title and page number where the “Proof of Compliance” can be found.

**BIDDER INFORMATION**

Bidder Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Substitutes/Alternatives**

Are any substitutes/alternatives offered as Equivalent?

Yes \_\_\_\_ No \_\_\_\_

**ZODIAC 470 BOAT TRAILER**

Make: \_\_\_\_\_

Model: \_\_\_\_\_

**SPECIFICATION PARAGRAPHS**

**2.5(b) GVWR - Proof of Compliance**

GVWR in document \_\_\_\_\_ on page \_\_\_\_\_

**2.7 Trailer - Proof of Compliance**

(a) FRAME in document \_\_\_\_\_ on page \_\_\_\_\_

(b) PADDED BUNKS in document \_\_\_\_\_ on page \_\_\_\_\_

(c) AXLE in document \_\_\_\_\_ on page \_\_\_\_\_

(d) SUSPENSION in document \_\_\_\_\_ on page \_\_\_\_\_

(e) WHEEL ASSEMBLY in document \_\_\_\_\_ on page \_\_\_\_\_

(f) ELECTRICAL in document \_\_\_\_\_ on page \_\_\_\_\_

(g) WINCH in document \_\_\_\_\_ on page \_\_\_\_\_

(h) MISCELLANEOUS in document \_\_\_\_\_ on page \_\_\_\_\_