



**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

Title - Sujet TRUCK, CLASS 7, RECOVERY VEHICLES	
Solicitation No. - N° de l'invitation W8476-101865/D	Date 2012-02-24
Client Reference No. - N° de référence du client W8476-101865	
GETS Reference No. - N° de référence de SEAG PW-\$\$HP-539-59419	
File No. - N° de dossier hp539.W8476-101865	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2012-03-22	
Time Zone Fuseau horaire Eastern Daylight Saving Time EDT	
F.O.B. - F.A.B. Specified Herein - Précisé dans les présentes	
Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input checked="" type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Cafferty, Kathy	Buyer Id - Id de l'acheteur hp539
Telephone No. - N° de téléphone (819) 956-5917 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: 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

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

This bid solicitation cancels and supersedes previous bid solicitation number W8476-101865/C dated 9 September 2011 with a closing of 31 October 2011 at 2:00 p.m. EDT.

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PART 1 - GENERAL INFORMATION

1. Security Requirement

There is no security requirement associated with this requirement.

2. Requirement

Canada is seeking proposals to procure:

2.1 Four (4) **TRUCK, CLASS 7, RECOVERY VEHICLES** and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

2.2 Irrevocable options identified in Annex "A" - Pricing.

2.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.2.2 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.

2.2.3 The options may be exercised within **twelve (12)** months after contract award.

3. Debriefings

After contract award, 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.

4. Interpretation

The mandatory requirements stated in this Request for Proposal use the words "shall" or "must" or "mandatory". Proposals not meeting all of the mandatory requirements will be given no further consideration.

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 (**2011-05-16**) 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

Subsection **12.1 of 2003**, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Replace subsection 1. (a) and (b) with the following:

1. Canada may reject an offer where any of the following circumstances is present:
 - (a) the Bidder is subject to a Vendor Performance Corrective Measure, under the Vendor Performance Corrective Measure Policy, which renders the Bidder ineligible to bid on the requirement;
 - (b) an employee, or subcontractor included as part of the bid, is subject to a Vendor Performance Corrective Measure, under the Vendor Performance Corrective Measure Policy, which would render that employee or subcontractor ineligible to bid on the requirement, or the portion of the requirement the employee or subcontractor is to perform;

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 with copies 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. 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 and 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

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

- 1) use paper containing fibre certified as originating from a sustainably-managed forest and/or 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 must complete and submit by the bid closing date and time the following;

- 1) Appendix "1" - Technical Information Questionnaires (D-32-001-050/SF-001 and D-32-001-050/SF-002).

2.1 Substitutes and Alternatives

Bidders may propose substitutes and alternatives where "**shall^(E)**" is indicated in the technical requirement description (Purchase Description/Statement of Requirement/Statement of Work).

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.

2.1.3 In conducting the evaluation of bids, Canada may, but will have no obligation to request the bidder offering a substitute and/or an alternative, to provide a copy of the alternative standard and to demonstrate, at the bidder's sole cost, that it is equivalent to the technical requirement.

3. Section II: Financial Bid

Bidders must submit their prices in Annex "A" - Pricing in accordance with the Basis of Payment described in **Part 6 - RESULTING CONTRACT CLAUSES**, at **Clause 6.1 Basis of Payment**.

3.1 Exchange Rate Fluctuation

- 3.1.1 Unless otherwise specified in the bid solicitation, **bids must be in Canadian currency.**
- 3.1.2 Bidders may request Canada to assume the risk for exchange rate fluctuation. This request must be specifically made at time of bidding.
- 3.1.3 The foreign currency component is defined as the element of the price that will be directly affected by exchange rate fluctuations. It could include the net price FOB foreign manufacturer's plant, costs associated with applicable duty, excise tax, Goods and Services Tax or Harmonized Sales Tax, if applicable, entry fees, transportation costs or delivery charges payable in a foreign currency, and any other charges associated with being the importer of record if they originated from and are required to be paid in a foreign currency.
- 3.1.4 The foreign value of the foreign currency component of the bid or negotiated price must be provided before contract award. Form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments, may be used for this purpose. If milestone payments are proposed, it is recommended to indicate on the above form the foreign currency component associated with each milestone event.
- 3.1.5 All bids are evaluated in Canadian currency. Therefore, for evaluation purposes, the noon rate quoted by the Bank of Canada as being in effect on date of bid closing, or such other date as may be specified in the bid solicitation, will be applied as the initial conversion factor for the specified currency. (Column 3 of the above form will be completed by the Contracting Authority.)
- 3.1.6 Rates proposed by bidders will not be accepted for the purposes of this exchange rate adjustment provision.
- 3.1.7 If there are two (2) identical bids, and provided that the bid selected would still be considered the most advantageous to Canada, preference will be given to the Bidder who assumes all or part of the exchange rate adjustment risk over a bidder who does not assume any of this risk. Furthermore, preference will be

given to the Bidder who assumes all of the exchange rate adjustment risk over a bidder who assumes only part of this risk.

3.1.8 Canada will pay the exchange rate adjustment amount in Canadian currency using the prevailing noon rate on the date of payment by Canada or, as applicable, in accordance with clause C3015C.

4. Section III: Certifications and Additional Information

Bidders must submit the certifications required under **PART 5 - CERTIFICATIONS**.

4.1 Additional Information

Canada requests that bidders submit the following information:

4.1.1 Delivery

4.1.1.1 Firm Quantity

While delivery of the vehicle(s) is requested by 15 August 2012, the best delivery that can be offered is as follows:

Item 001 – Qty 1, **TRUCK, WRECKER** and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 002 – Qty 1, **CAR CARRIER** and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 003 – Qty 1, **CAR CARRIER** and related items will be delivered within _____ calendar days from the effective date of the contract.

Item 003 – Qty 1, **CAR CARRIER** and related items will be delivered within _____ calendar days from the effective date of the contract.

4.1.1.2 Optional Quantity

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

Solicitation No. - N° de l'invitation

W8476-101865/D

Amd. No. - N° de la modif.

File No. - N° du dossier

hp539W8476-101865

Buyer ID - Id de l'acheteur

hp539

CCC No./N° CCC - FMS No/ N° VME

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

W8476-101865

Item 005 - Qty 1, **TRUCK, WRECKER** and related items will be delivered within _____ calendar days after an option is exercised.

Item 006 - Qty 3, **TRUCK, CAR CARRIER** and related items will be delivered within _____ calendar days after an option is exercised.

4.1.2 Manufacturer's Standard Warranty Period

Canada requests that the Bidder provide details of the manufacturer's standard warranty period for the vehicle/equipment and its component that exceeds the minimum warranty period of **twelve (12)** months.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

2. Technical Evaluation

- 2.1 The purpose of the technical evaluation is to determine if the goods and/or services offered meet all mandatory technical requirements outlined in the documents enumerated hereafter and as required in **Section I - Technical Bid of Part 3 - BID PREPARATION INSTRUCTIONS:**
 - Annex "B" - Purchase Description Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012; and
 - Appendix 1 - Technical Information Questionnaires (D-32-001-050/SF-001 and D-32-001-050/SF-002).

3. Financial Evaluation

- 3.1 The purpose of the financial evaluation is to determine the aggregate price, based on the information submitted in Annex "A" - Pricing.
- 3.2 Aggregate Price Calculation

Bids will be evaluated on an aggregate price basis for the firm quantity and the optional quantity.
- 3.3 Any **Extended Warranty Period** offered will not be included in the financial evaluation and further negotiations may be required.

4. Basis of Selection

- 4.1 A bid must comply with the requirements of the bid solicitation and meet all mandatory requirements 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 to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted as requested.

Compliance with the certifications bidders provide to Canada is subject to verification by Canada during the bid evaluation period (before award of a contract) and after award of a contract. The Contracting Authority will have the right to ask for additional information to verify the bidders' compliance with the certifications before award of a contract. The bid will be declared non-responsive if any certification made by the Bidder is untrue, whether made knowingly or unknowingly. Failure to comply with the certifications or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Certifications Precedent to Contract Award

The certifications listed below should be submitted with the bid, but may be completed and submitted afterwards. If any of these required certifications is not completed or submitted as requested, the Contracting Authority will so inform the Bidder and provide the Bidder with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within that time period will render the bid non-responsive.

1.1 Federal Contractors Program - \$200,000 or more

1. The Federal Contractors Program (FCP) requires that some suppliers, including a supplier who is a member of a joint venture, bidding for federal government contracts, valued at \$200,000 or more (including all applicable taxes), make a formal commitment to implement employment equity. This is a condition precedent to contract award. If the Bidder, or, if the Bidder is a joint venture and if any member of the joint venture, is subject to the FCP, evidence of its commitment must be provided before the award of the Contract.

Suppliers who have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive government contracts over the threshold for solicitation of bids as set out in the Government Contracts Regulations. Suppliers may be declared ineligible contractors either as a result of a finding of non-compliance by HRSDC, or following their voluntary withdrawal from the FCP for a reason other than the reduction of their workforce to less than 100 employees. Any bids from ineligible contractors, including a bid from a joint venture that has a member who is an ineligible contractor, will be declared non-responsive.

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2. If the Bidder does not fall within the exceptions enumerated in 3.(a) or (b) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.
3. The Bidder, or, if the Bidder is a joint venture the member of the joint venture, certifies its status with the FCP, as follows:

The Bidder or the member of the joint venture

- (a) () is not subject to the FCP, having a workforce of less than 100 full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada;
- (b) () is not subject to the FCP, being a regulated employer under the Employment Equity Act, S.C. 1995, c. 44;
- (c) () is subject to the requirements of the FCP, having a workforce of 100 or more full-time or part-time permanent employees, and/or temporary employees having worked 12 weeks or more in Canada, but has not previously obtained a certificate number from HRSDC (having not bid on requirements of \$200,000 or more), in which case a duly signed certificate of commitment is attached;
- (d) () is subject to the FCP, and has a valid certificate number as follows:
_____ (e.g. has not been declared an ineligible contractor by HRSDC.)

Further information on the FCP is available on the HRSDC Web site.

[Http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml](http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml)

PART 6 - RESULTING CONTRACT CLAUSES

1. Security Requirement

There is no security requirement associated with this requirement.

2. Requirement

2.1 The Contractor must deliver four (4) **TRUCK, CLASS 7, RECOVERY VEHICLES** and related items as described in Annex "A" - Pricing and in accordance with Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

2.2 The Contractor grants to Canada irrevocable options identified in Annex "A" - Pricing.

2.2.1 The options may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

2.2.2 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.

2.2.3 The options may be exercised within **twelve (12)** months after contract award.

2.3 **Optional Extended Warranty Period (if applicable)**

The Contractor grants to Canada the irrevocable option to extend the warranty period for an additional (**to be inserted by PWGSC at time of contract award**) months, under the same terms and conditions and at the price stated in the Contract at Annex "A" - pricing. The option may only be exercised by the Contracting Authority and will be evidenced, for administrative purposes only, through a contract amendment.

The Contracting Authority may exercise the option within ninety (90) calendar days after contract award and/or the exercising of an option by sending a written notice to the Contractor.

3. 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.

3.1 General Conditions

2010A (2011-05-16) General Conditions - Goods (Medium Complexity), apply to and form part of the contract.

3.1.1 **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 (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."

All other provisions of the warranty section remain in effect.

4. Term of Contract

4.1 Delivery of Vehicles

4.1.1 Firm Quantity

Delivery date of the vehicles must be made as follows:

Item 001 - **TRUCK, WRECKER** and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 002 - **TRUCK, CAR CARRIER** and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 003 - **TRUCK, CAR CARRIER** and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

Item 004 - **TRUCK, CAR CARRIER** and related items must be delivered on or before _____ (Date to be inserted by PWGSC the Contracting Authority at time of contract award.)

4.1.2 Option Quantity

Item 005 - **TRUCK, WRECKER** 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.)

Item 006 - **TRUCK, CAR CARRIER** 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.)

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Kathy Cafferty
 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
 Telephone: 819 956-5917
 Facsimile: 819 953-2953
 E-mail: kathy.cafferty@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.

5.2 Procurement Authority

The Procurement Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

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

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.

5.3 Technical Authority:

The Technical Authority for the Contract is:

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

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

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

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.

5.4 Contractor's Representative

Name and telephone number of the person responsible for :

General enquiries

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail: _____

Delivery follow-up

Name: _____ (To be inserted by PWGSC at time of contract award.)

Title: _____

Telephone: ____ - ____ - ____

Facsimile: ____ - ____ - ____

E-mail: _____

5.5 After Sales Service

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

Item 002

Name: _____

Address: _____

Telephone Number: _____

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

Item 003

Name: _____

Address: _____

Telephone Number: _____

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

Item 004

Name: _____

Address: _____

Telephone Number: _____

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

6. Payment

6.1 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, Goods and Services tax/Harmonized Sales Tax 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, Goods and Services Tax/Harmonized Sales Tax extra.

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.

6.2 SACC Manual Clauses

H1001C Multiple Payments 2008-05-12

6.3 Exchange Rate/Payment on Delivery

6.3.1 The price in Canadian currency includes the foreign currency component in respect of goods, services or both originating outside Canada, as detailed in form PWGSC-TPSGC 9411, Claim for Exchange Rate Adjustments.

6.3.2 The price must be adjusted to reflect the exchange rate in effect and applied by Canada Border Services Agency (CBSA) on the date of importation, but only in respect of the foreign currency component detailed in the above form.

6.3.3 No price adjustment directly resulting from the application of the provisions contained in this clause will be applied for increases or decreases in the exchange rate within a variation of: plus or minus 2 percent of the exchange rate(s) mentioned above; or plus or minus \$100 of the total cumulative amount claimed for exchange rate adjustment under the Contract.

6.3.4 On each invoice or claim for payment submitted under the Contract, the Contractor must indicate the exchange rate adjustment amount (either upward, downward or no change) as a separate item. In addition, the invoice must be accompanied by a copy of CBSA Form B3-3, Canada Customs Coding Form, for the imported goods, services or both.

6.3.5 Canada will have the right to audit any revision to costs and prices under this clause.

7. Invoicing Instructions

- 7.1 The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions including the **Client Ref # BT042** . Invoices cannot be submitted until all work identified in the invoice is completed.

Each invoice must be supported by:

- (a) a copy of the release document and any other documents as specified in the Contract.

- 7.2 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 _____

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

- (c) One (1) copy must be forwarded to the consignee.

- 7.3 Holdback

A ten percent (10%) holdback will apply on the total price of each vehicle (001-006) on any due payment of the said vehicle/equipment. Release of the holdback (10%) is conditional upon receipt and certified acceptance by DND of the said vehicle and all related items as identified in Annex "A" - Pricing.

Goods and Services Tax or Harmonized Sales Tax (GST/HST), as applicable, 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 GST/HST 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.
- (c) One (1) copy must be forwarded to the consignee.

8. Certifications

Compliance with the certifications 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 or 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.

9. Applicable Laws

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

10. 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 (2011-05-16) General Conditions - Goods (Medium Complexity);
- (c) Annex "A" - Pricing;
- (d) Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012;
- (e) Appendix 1- Technical Information Questionnaires - -32-001-050/SF-001 and D-32-001-050/SF-002);
- (f) the Contractor's bid dated _____.

11. SACC Manual Clauses

A1009C	Work Site Access	2008-05-12
A9006C	Defence Contract	2008-05-12
A9049C	Vehicle Safety	2011-05-16

C2800C	Priority Rating	2011-05-16
C2801C	Priority Rating - Canadian-based Contractors	2011-05-16
D3010C	Dangerous Goods/Hazardous Products	2007-11-30
D5510C	Quality Assurance Authority (DND) - Canadian-based Contractor	2011-05-16
D5515C	Quality Assurance Authority (DND) - Foreign-based and United States Contractor	2010-01-11
D5540C	ISO 9001:2008 Quality Management Systems - Requirements (QAC Q)	2010-08-16
D5604C	Release Documents - Foreign based Contractor	2008-12-12
D5605C	Release Documents - US based Contractors	2010-01-11
D5606C	Release Documents - Canadian-based Contractors	2007-11-30
D9002C	Incomplete Assemblies	2007-11-30
G1005C	Insurance	2008-05-12

12. Inspection and Acceptance

The Technical Authority 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 of the Statement of Work 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.

13. 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 DND personnel at the final delivery location.

The fuel tanks must be at least half full prior to release of the vehicle(s) to DND personnel.

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.

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

- 14.1 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.

- 14.2 The Contractor must deliver the goods by appointment only. The Contractor or its carrier must arrange delivery appointments by contacting the contacts specified in Annex "A" - Pricing. The consignee may refuse shipments when prior arrangements have not been made.

15. Shipping Instructions (DND) - Canadian-based Contractor (Optional Quantities)

- 15.1 Delivery will be FCA Free Carrier at the Contractor's Canadian facility or Contractor's Canadian distribution point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
- 15.2 Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 15.3.

Inbound Logistics Co-ordination Center (ILCC)

Telephone: 1-877-877-7423 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

- 15.3 The Contractor must provide the following information to the DND Inbound Logistics Coordination Center when arranging for shipment:
- (a) the Contract number;
 - (b) consignee address (for multiple addresses, items must be packaged and labeled separately with each consignee address);
 - (c) description of each item;
 - (d) the number of pieces and type of packaging (i.e., carton, crate, drum, skid);
 - (e) actual weight and dimensions of each piece type, including gross weight;
 - (f) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for

shipment by the International Maritime Dangerous Goods Code, the International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations, and a copy of the materiel safety data sheet.

- 15.4 Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labeling, and the marking of each piece with a Transportation Control Number.
- 15.5 The Contractor must not ship the goods before receiving shipping instructions from the DND Inbound Logistics contact.
- 15.6 If the Contractor delivers the goods at a place and time which are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.
- 15.7 If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

16. Shipping Instructions (DND) - Foreign-based Contractors (Optional Quantities)

- 16.1 Delivery will be FCA Free Carrier at the Contractor's Canadian facility or Contractor's Canadian distribution point, Incoterms 2000. The Contractor must load the goods onto the carrier designated by the Department of National Defence (DND). Onward shipment from the delivery point to the consignee will be Canada's responsibility.
- 16.2 Before shipping the goods, the Contractor must contact the following DND Inbound Logistics Coordination Center by facsimile or e-mail, to arrange for shipment, and provide the information detailed at paragraph 16.3.

- (a) Insert the following when the Contractor is located in the United States (U.S.):

Inbound Logistics Coordination Center (ILCC):

Telephone: 1-877-447-7701 (toll free)

Facsimile: 1-877-877-7409 (toll free)

E-mail: ILHQOttawa@forces.gc.ca

OR

- (b) Insert the following when the Contractor is located in United Kingdom (UK) and Ireland:

Inbound Logistics United Kingdom (ILUK):

Telephone: 011-44-1895-613023, or 011-44-1895-613024, or

Facsimile: 011-44-1895-613047

E-mail: CFSUEDetUKMovements@forces.gc.ca

In addition, the Contractor must send to ILUK the completed form "Shipping Advice and Export Certificate" by e-mail to:
CFSUEDetUKMovements@forces.gc.ca.

The shipment of any items above the value of 600 GBP (pound sterling) being exported from the United Kingdom and Ireland will be cleared by DND using Her Majesty's Customs & Excise (HMCE) New Export Systems (NES). The Contractor must comply with HMCE requirements by registering with HMCE or by having a freight forwarder complete the entry. A printed copy of the NES entry Export Declaration clearly displaying the Declaration Unique Consignment Reference Number must be provided by the Contractor and attached to the consignment. The Contractor must ensure that this procedure is carried out for all stores whether they be initial purchase or repair and overhaul export items. HMCE will authorize Canadian Forces Support Unit (Europe) to ship the goods only if the procedure has been adhered to completely and properly by the Contractor.

OR

- (c) Insert the following when the Contractor is located in a country other than Canada, the U.S., the UK and Ireland:

Inbound Logistics Europe Area (ILEA):

Telephone: +49-(0)-2451-717199 or 717200

Facsimile: +49-(0)-2451-717189

Email: ILEA@forces.gc.ca

16.3 The Contractor must provide the following information to the DND Inbound Logistics contact when arranging for shipment:

- (a) the Contract number;
- (b) consignee address (if multiple addresses, items must be packaged and labeled separately with each consignee address);
- (c) description of each item;
- (d) the number of pieces and type of packaging (e.g. carton, crate, drum, skid);
- (e) actual weight and dimensions of each piece type, including gross weight;

-
- (f) copy of the commercial invoice (in accordance with clause C2608C, section 4, of the Standard Acquisition Clauses and Conditions Manual) or a copy of the Canada Border Services Agency form CII, Canada Customs Invoice;
 - (g) Schedule B codes (for exports) and the Harmonized Tariff Schedule codes (for imports);
 - (h) North American Free Trade Agreement Certificate of Origin (in accordance with clause C2608C, section 2) for the U.S. and Mexico only;
 - (i) full details of dangerous material, as required for the applicable mode of transportation, signed certificates for dangerous material as required for shipment by the International Maritime Dangerous Goods Code, or International Air Transport Association regulations or the applicable Canadian Dangerous Goods Shipping Regulations and a copy of the material safety data sheet.

16.4 Following receipt of this information by Canada, Canada will provide the appropriate shipping instructions, which may include the requirement for specific consignee address labelling, the marking of each piece with a Transportation Control Number and customs documentation.

16.5 The Contractor must not ship goods before receiving shipping instructions from the DND Inbound Logistics contact.

16.6 If the Contractor delivers the goods at a place and time that are not in accordance with the given delivery instructions or fail to fulfill reasonable delivery instructions given by Canada, the Contractor must reimburse Canada any additional expenses and costs incurred.

16.7 If Canada is responsible for delays in delivering the goods, ownership and risk will be transferred to Canada upon expiry of either thirty (30) days following the date on which a duly completed shipping application is received by Canada or by its appointed forwarding agent, or thirty (30) days following the delivery date specified in the Contract, whichever is later.

17. Release Documents - Distribution

The Contractor must prepare the release documents and distribute them as follows:

- (a) Copy 1: mail to consignee marked: "Attention: Receipts Officer";
- (b) Copies 2 and 3: with shipment (in a waterproof envelope) to the consignee;
- (c) Copy 4: to the Contracting Authority;

(d) Copy 5: to:

National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2

Attention: DLP _____

(e) Copy 6: to the Quality Assurance Representative;

(f) Copy 7: to the Contractor;

(g) Copy 8: all non-Canadian Contractors to:

DQA/Contract Administration
National Defence Headquarters
Mgen George R. Pearkes Building
101 Colonel By Drive
Ottawa, ON K1A OK2
E-mail: ContractAdmin.DQA@forces.gc.ca.

18. 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.

19. Progress Reports

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

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.

20. 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.

21. 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 **10 years**.

22. Material

Material supplied must be new unused and of current production by manufacturer.

23. Design Changes

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

24. 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.

25. 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.

26. 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.

ANNEX "A" - PRICING

Item 001 **Truck, Wrecker (Firm Quantity)**

NSN 2320-21-914-4283, 100013122

The Contractor must deliver the vehicle/equipment including the sample manuals, approved manuals, data summary, photographs, preventative maintenance replacement parts kit list, warranty letter(s), line setting ticket(s), operator training and maintenance training in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

The **Truck, Wrecker** and related items must be delivered to:

CFB Meaford (W3508)

MTSC

Meaford, Ontario N4L 1W5

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 6.1 Basis of Payment).

Quantity: one (1)

Item 002 **Truck, Car Carrier (Firm Quantity)**

NSN 2320-20-004-0255, 103934434

The Contractor must deliver the vehicle/equipment including the sample manuals, approved manuals, data summary, photographs, preventative maintenance replacement parts kit list, warranty letter(s), line setting ticket(s), operator training and maintenance training in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

The **Truck, Car Carrier** and related items must be delivered to:

CFB Gagetown (W0105)

Bldg B10

Oromocto, New Brunswick E2V 4J5

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 6.1 Basis of Payment).

Quantity: one (1)

Item 003 Truck, Car Carrier (Firm Quantity)

NSN 2320-20-004-0255, 103934434

The Contractor must deliver the vehicle/equipment including the sample manuals, approved manuals, data summary, photographs, preventative maintenance replacement parts kit list, warranty letter(s), line setting ticket(s), operator training and maintenance training in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

The **Truck, Car Carrier** and related items must be delivered to:

CFB Petawawa (W0107)

2 Svc Bn Supply Bldg

Petawawa, Ontario K8H 2X3

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 6.1 Basis of Payment).

Quantity: one (1)

Item 004 Truck, Car Carrier (Firm Quantity)

NSN 2320-20-004-0255, 103934434

The Contractor must deliver the vehicle/equipment including the sample manuals, approved manuals, data summary, photographs, preventative maintenance replacement parts kit list, warranty letter(s), line setting ticket(s), operator training and maintenance training in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

The **Truck, Car Carrier** and related items must be delivered to:

CFB Kingston (W0114)

5 Somme Avenue, Bldg C36

Kingston, Ontario K7K 7B4

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 6.1 Basis of Payment).

Quantity: one (1)

Item 005 Truck, Wrecker (Optional Quantity)

NSN 2320-21-914-4283, 100013122

If this option is exercised, the Contractor must deliver the vehicle/equipment including approved manuals, line setting ticket(s) and the warranty letter(s) in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

Quantity: Up to one (1)

Item 006 Truck, Car Carrier (Optional Quantity)

NSN 2320-20-004-0255, 103934434

If this option is exercised, the Contractor must deliver the vehicle/equipment including approved manuals, line setting ticket(s) and the warranty letter(s) in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$ _____ per vehicle/equipment in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

Quantity: Up to three (3)

Item 007 Optional Operator Training (for Option Quantities Truck, Wrecker)

If this option is exercised, the Contractor must provide up to one (1) operator instruction/training session, in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$ _____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

Item 008 Optional Maintenance Training (for Option Quantities Truck, Wrecker)

If this option is exercised, the Contractor must provide up to one (1) maintenance instruction/training session, in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

Item 009 Optional Operator Training (for Option Quantities Truck, Car Carrier)

If this option is exercised, the Contractor must provide up to three (3) operator instruction/training sessions, in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with

the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

Item 010 Optional Maintenance Training (for Option Quantities Truck, Car Carrier)

If this option is exercised, the Contractor must provide up to three (3) maintenance instruction/training sessions, in accordance with the attached Annex "B" - Purchase Description - Class 7 Mid-Range Diesel Trucks and Recovery Systems dated 14 February 2012.

Firm unit price of \$_____ in accordance with Basis of Payment Type 2 (as detailed at Clause 6.1 Basis of Payment).

The Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the National Joint Council Travel Directive (<http://www.njc-cnm.gc.ca/directive/index.php?sid=90&hl=1&lang=eng>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

All travel must have the prior authorization of the Technical Authority. All payments are subject to government audit.

All travel and living expenses incurred in the performance of the work outside Canada will be the Contractor's responsibility.

Solicitation No. - N° de l'invitation

W8476-101865/D

Amd. No. - N° de la modif.

File No. - N° du dossier

hp539W8476-101865

Buyer ID - Id de l'acheteur

hp539

CCC No./N° CCC - FMS No/ N° VME

Item 011 Optional Extended Warranty Period

Optional warranty coverage available: **YES** _____ **NO** _____

If yes, Canada requests that the Bidder provide details and pricing information of any optional extended warranty period available for the vehicle/equipment and any related items.

(This item will not be included in the financial evaluation)

If exercised, the warranty period will be extended for an additional period of _____ months/calendar days.

Firm unit price of \$ _____ Basis of Payment Type 2 (as detailed in Part 6)

14 February 2012

ANNEX "B"

PURCHASE DESCRIPTION

FOR

CLASS 7 MID-RANGE DIESEL TRUCKS

1. SCOPE.

1.1 Scope- This Purchase Description describes the requirements for Class 7 Mid-Range Diesel Trucks with 4x4 configuration. This document **shall** be used in conjunction with the specification listed below. Details of the requirement for the variant package (Recovery systems) to be integrated on Mid-Range Diesel Trucks are included in this document and these specifications. Variant package specification includes:

RECOVERY SYSTEMS

D-32-001-050/SF-002

1.2 Instructions - The following instructions apply to this Purchase Description:

- (a) Requirements, which are identified by the word "**shall**", are mandatory. Deviations will not be permitted;
- (b) Requirements identified by "**shall**^(E)" 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**^(E)", 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.

1.2.1 Definitions - The following definitions apply to the interpretation of this Purchase Description:

- (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; and
- (c) "Proof of Compliance" - A document such as a brochure, a third party test report, a report generated by third party software, or a certificate of attestation signed by a senior representative of the Original Equipment Manufacturer (such as a certified engineer) indicating the performance and/or feature specified.

1.2.2 Technical Information Questionnaire(s)- The following applies:

- (a) The bidder shall complete a Technical Information Questionnaire for each vehicle configuration 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.

1.3 CONFIGURATION CAPABILITY TABLE- The following tables detail the minimum design requirements, which shall be met for each configuration:

TABLE 1 - CONFIGURATION A - TRUCK, 4X4, DUAL WHEELS					
	GVWR	GCWR	GAWR FRONT	GAWR REAR	TOWED LOAD
MIN. WEIGHT RATINGS	16,783 kg (37,000 lbs)	28,123 kg (62,000 lbs)	6,350 kg (14,000 lbs)	10,433 kg (23,000 lbs)	11,340 kg (25,000 lbs)
VEHICLE SPEED	At least 105 km/h (65 mph)				
VEHICLE GRADEABILITY	0.8 Percent at 90 km/h (56 mph)				
MIN. ENGINE HORSEPOWER	300				
MIN. FUEL RESERVOIR CAPACITY	375 Litres (100 US Gallons)				

1.3.1 **EQUIPMENT APPLICABILITY TABLE.** - The following table details the equipment required for each configuration. Equipment is separated into the following types: **BASIC EQUIPMENT** and **OPTIONAL EQUIPMENT**.

TABLE 2 - EQUIPMENT APPLICABILITY TABLE		ITEMS	
ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002			
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002			
B = BASIC EQUIPMENT OPTION (<u>SHALL</u> BE PROVIDED FOR THE ITEM AS A <u>CORE REQUIREMENT</u>)			
N/A = NOT APPLICABLE TO THE ITEM			
		I	II
3.10.1 Additional Brake Equipment			
(a) Front Glad Hands		B	N/A
(b) Rear Glad Hands		B	N/A
(b) Recovery Systems - D-32-001-050/SF-002			
Wrecker System		B	N/A
Car Carrier		N/A	B

1.3.2 **Summary Requirement Table**

TABLE - 3 - Summary Requirement				
Item	Configuration	Equipment Variant	Qty	Destination
ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002	A	Wrecker D-32-001-050/SF-002	1	Meaford
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002	A	Car Carrier D-32-001-050/SF-002	3	Gagetown Petawawa Kingston

2. **APPLICABLE DOCUMENTS.**

2.1 **NOT ALLOCATED-** (Government Furnished Documents)

2.2 **Other Publications-** The following documents form part of this Purchase Description. Effective dates shall be those in effect upon the date of manufacture. Sources are as shown:

Transport Canada Consolidation of the Motor Vehicle Safety Act and Motor Vehicle Safety Regulations (MVSr) and all applicable revisions TP4360E

Canadian Communication Group - Publishing
Ottawa, Canada, K1A 0S9

SAE Handbook

Society of Automotive Engineers Inc.,
400 Commonwealth Drive, Warrendale, PA, 15096

Year Book

Tire and Rim Association Inc.,
3200 West Market Street, Akron, Ohio, 44313

3. REQUIREMENTS.

3.1 Standard Design- The vehicle design **shall**:

- (a) Be based on the chassis manufacturer's latest model;
- (b) Be based on a equipment Variant model having demonstrated industry acceptability by having been manufactured and sold commercially, or, be manufactured by a company that has at least 5 years experience in manufacturing a comparable type of equipment of equivalent or greater complexity;
- (c) Have engineering certification available, upon demand, for this vehicle/equipment from the original manufacturers of major drive train components and major equipment systems and assemblies;
- (d) Conform to all applicable laws, regulations and industry standards governing manufacture, safety, noise levels and pollution in effect in Canada at time of manufacture;
- (e) Not have system and component capacities increased above published ratings (i.e. product or component brochures); and
- (f) Include all components, and accessories normally supplied for the intended equipment Variant application, although they may not be specifically described in this Purchase Description.

3.2 Operating Conditions- Vehicles, of specified GVWR/GCWR, **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 (-30°F to 98°F).

3.3 Vehicle Safety Regulations- The vehicle **shall** meet the provisions of the Canada Motor Vehicle Safety Act in effect upon the date of manufacture of the vehicle. The completed vehicle **shall** have Safety Compliance Certification Label with a **National Safety Mark (NSM)**, as a seal of compliance.

3.3.1 Variant Equipment Integrator(s) Certification - The bidder **shall** submit, on request, variant equipment integrator NSM certification number as a proof of registration with Transport Canada as a Final Stage Manufacturer.

3.3.2 Welding Certification- Manufacturers or individual welders involved in the welding of the recovery system **shall** hold welding certification to one of the following standards:

- (a) Canadian Welding Bureau (CWB)-
 - i. Current certification IAW the CWB standards to a division three (3) level IAW Certification of Companies for Fusion Welding of Steel CSA W47.1; and
 - ii. A letter of validation from the CWB demonstrating current certification **shall** be provided with bid package; or
- (b) American Welding Society (AWS)-
 - i. Current certification IAW the AWS qualifications for Structural Welding Code for Steel D1.1; and
 - ii. A letter of validation from the AWS demonstrating current certification **shall** be provided with bid package; or
- (c) International Standard Organization (ISO)- Current welder performance qualifications for steel joint welds as outlined within ISO 9606-1. A letter of validation demonstrating proof of current certification of ISO 9606-1 **shall** be provided with bid package.

3.4 Performance- The vehicle **shall** have the following minimum performance capabilities:

- (a) Vehicle speed, identified as "**VEHICLE SPEED**" in the **CONFIGURATION CAPABILITY TABLES**;
- (b) Vehicle gradeability, identified as "**VEHICLE GRADEABILITY**" in the **CONFIGURATION CAPABILITY TABLES**;
- (c) Gross engine horsepower, identified as "**MINIMUM ENGINE HORSEPOWER**", in the **CONFIGURATION CAPABILITY TABLES**; and
- (d) The bidder **shall** provide a computer generated vehicle performance prediction analysis with the Technical Information Questionnaire for a fully loaded vehicle for each configuration. A fully loaded vehicle for configuration A is a vehicle having a Gross Combined Weight Rating identified as "GCWR" in the **CONFIGURATION CAPABILITY TABLE**. Analysis **shall** be performed in conformance with SAE J2188, using the basic equipment engine and transmission for that configuration as shown in the **EQUIPMENT APPLICABILITY TABLE**.

3.5 Ratings- The vehicle **shall** have the following minimum ratings:

- (a) Weight ratings, identified as "**GVWR**", "**GCWR**", "**GAWR FRONT**" and "**GAWR REAR**" in the **CONFIGURATION CAPABILITY TABLE**; and

- (b) Load rating, identified as "TOWED LOAD" in the CONFIGURATION CAPABILITY TABLE.

3.6 Dimensions- The bidder shall provide the following required chassis dimensions for every body length specified in the EQUIPMENT APPLICABILITY TABLE:

- (a) Front axle centreline to rear axle centreline (Wheelbase WB), end of cab to rear axle centreline (CA) & rear axle centreline to end of frame (AF) dimensions; and
- (b) WB, CA and AF required chassis dimensions for the proposed wrecker system and car carrier.

3.7 Engine- The engine shall:

- (a) Be diesel powered;
- (b) Be turbocharged and electronically controlled; and
- (c) Be equipped with a compression brake.

3.7.1 Engine Components- The engine shall include:

- (a) A replaceable dry-type air filter that includes a filter restriction gauge;
- (b) Engine coolant for temperatures down to -34°C (-30°F);
- (c) Exhaust system including a vertical exhaust pipe equipped with heat shield. The stack shall clear the body roof line and be fitted with an exhaust elbow;
- (d) A cooling system that includes a thermostatic fan;
- (e) **Fuel Fired Preheat System** - The Fuel Fired Preheat System shall preheat the vehicle by heating the engine coolant, which shall:
 - i. Consist of all components required for the preheating of engine coolant and insulated cab and include a 7 day timer and control system, and all fittings, hoses and controls required for the efficient operation of the system;
 - ii. Operate independently or while the engine is operating. Fuel shall be drawn from the engine fuel tank;
 - iii. Operate on all diesel formulations suitable for installed engine;
 - iv. Operate without requirement for power from outside vehicle; and

- v. Be installed or designed with a minimum of fuel line restrictions to decrease the likelihood of clogging due to fuel wax.

Note: The following fuel fired preheat systems are provided as guidance: Espar or Webasto

3.7.2 Fuel System- The vehicle shall be equipped with:

- (a) Fuel reservoir(s) that is mounted on standard support brackets and having a minimum total capacity, identified as "**MIN. FUEL RESERVOIR CAPACITY**" in the **CONFIGURATION CAPABILITY TABLES**; and
- (b) **Fuel Heater** - A self-regulating in-line electric or coolant type fuel heater to warm the fuel before it enters the fuel filter(s) and to maintain the fuel temperatures above the waxing/gelling point during cold weather operation.

Note: The following fuel heaters are provided as guidance: Arctic Fox or Webb

3.7.3 Cold Weather Starting Aids- The vehicle shall be equipped with:

- (a) A 110-volt coolant block heater of the highest wattage capacity recommended by the engine manufacturer;
- (b) A fuel filter/water separator incorporating a thermostatically controlled heater;
- (c) 150-Watt oil preheater.

3.8 Automatic Transmission- The vehicle shall be equipped with an electronically controlled fully automatic transmission, which is compatible with the diesel engine provided. An automatic transmission is defined as "a transmission that requires no driver intervention to start, to change ratio, or to stop". The transmission shall:

- (a) Have a minimum of five (5) forward speeds and one reverse speed;
- (b) Include an oil cooler and an oil filter;
- (c) Be equipped with auto neutral for fast idle. The high idle control shall be connected so as not to allow the high idle to engage when the transmission is in gear and the parking brake is applied; and
- (d) **Power Take-Off (Automatic Transmission)-** A heavy-duty, transmission mounted, ball or roller bearing type PTO for use with an automatic transmission. The PTO shall include a hydraulic "Hot Shift" shifting mechanism connected through the transmission Electronic Control Unit

3.8.1 Additional Drive Line Component Requirement- The vehicle shall be equipped with a driver select all-wheel drive two-speed transfer case.

3.9 Steering- The vehicle shall^(E) be equipped with a power assisted steering with a telescopic tilt steering column.

3.10 Brakes- The vehicle shall be equipped with full air actuated service brakes and spring actuated parking brakes. Air tank(s) shall^(E) be located/installed between chassis frame rails to achieve best ground clearance to protect the air tank(s) and its components (ex. expello valves) from damage from road debris. This configuration/location of the air tank(s) shall be confirmed with each equipment variant supplier to ensure that this configuration will not interfere with the equipment variants installation. The brake system shall:

- (a) Include a 4-channel anti-lock (ABS) brake system;
- (b) Be S-cam type air brakes with automatic slack adjusters;
- (c) Include a minimum (12.9 cfm) air compressor;
- (d) Include a wet air reservoir capable of being recharged using a quick disconnect fitting for charging air system mounted under front bumper;
- (e) Include an automatic air dryer;
- (f) Be equipped with heated automatic moisture expelling valve(s);
- (g) Include brake housing dust shields and visual brake stroke indicators on rear brake chambers; and
- (h) Include long stroke brake chambers.

3.10.1 Additional Brake Requirement- The following Additional Brake Requirement shall be provided for Item I only (ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002):

- (a) Front Glad Hands - Be equipped with glad hands mounted on the front of the vehicle;
- (b) Rear Glad Hands- Be equipped with glad hands air couplers, with integral cover, mounted on the rear of the vehicle. Blue cover for service connection and a Red cover for emergency connection shall be provided;

3.11 Wheels and Tires- The vehicle shall be equipped with steel-belted, tubeless radial tires mounted on hub pilot disc wheels that are balanced to preclude wheel shimmy at all vehicle speeds. The tires and rims shall have sufficient load capacity for a vehicle loaded to rated capacity (GVWR). This shall be applicable to every Configuration in the Configuration Capability Table.

3.11.1 4x4 Tires & Tread (Dual)- The vehicle shall be equipped with Mud and Snow Tires on all axles.

3.12 Suspension and Axles- The vehicle shall be equipped with leaf spring suspension at the front. The rear suspension shall be variable leaf spring

suspension or air suspension. If variable leaf spring suspension at the rear is offered, the suspension shall^(E) be equipped with rear suspension stabilizer. If air suspension at the rear is offered, the suspension system shall include:

- (a) Immediate response automatic height control valves;
- (b) Double acting shock absorbers on all axles;
- (c) Driver controlled full locking rear differential;
- (d) Air pressure dump valve with indicator light, gauge and buzzer. The controls shall be located in the cab and accessible to the driver; and
- (e) Rear suspension stabilizer for increased vehicle stability.

3.13 Frame- The frame shall:

- (a) Be reinforced frame with a Resistance Bending Moment (RBM) of at least 3,715,200; and
- (b) Have a minimum of 50.8 cm (20 inches) integral front frame extension. A stationary grill shall be provided.

3.14 Cab- The cab shall be a conventional cab. The cab shall include:

- (a) A factory installed, air conditioning system equipped with an environmentally friendly refrigerant such as R134A;
- (b) Tinted glass/windows to reduce solar heating effects;
- (c) Electrically powered windows;
- (d) A high-back air suspended driver's seat with arms rest on both sides, with cloth insert. A two-man companion seat with cloth insert;
- (e) Retractable shoulder/lap belt assemblies for the driver and the outside passenger, and a lap belt for the centre passenger;
- (f) Two aerodynamic, heavy-duty, heated, motorized, rear view mirrors. Each mirror shall include a convex section. Mirror glass shall be replaceable, adjusted from inside the cab and include a heating element;

Note: The following heavy duty west coast mirrors dimensions are provided as guidance - 15 by 40 cm (6 by 16 inches)

The following convex mirrors dimensions are provided as guidance - 20 cm (8 inches) diameter.

- (g) Two rotating and pivoting interior sun visors;
- (h) Cab insulation, dark upholstery, coat hooks, vinyl mats as well as armrests on both doors;

- (i) Manufacturer's standard interior trim;
- (j) An AM/FM radio with a CD player; and
- (k) Dash coffee cup holder.

3.15 Controls and Instruments- The vehicle shall be equipped with:

- (a) Electric windshield washers;
- (b) Intermittent windshield wipers;
- (c) Cruise control system with a fast idle feature;
- (d) Tachometer;
- (e) Odometer showing cumulative distance in kilometres;
- (f) Coolant temperature gauge with a high coolant temperature indicator;
- (g) Oil pressure gauge with a low engine oil pressure indicator;
- (h) Voltmeter or ammeter;
- (i) PTO engaged indicator;
- (j) Differential lock(s) engaged indicator;
- (k) Outrigger position warning light (as applicable);
- (l) Air pressure dump valve with indicator light, gauge and buzzer (Vehicle with rear air suspension); and
- (m) Back up alarm.

3.16 Electrical System- The vehicle shall be equipped with Light Emitting Diode (LED) lights. The vehicle shall be equipped with manufacturer's electrical system that includes:

- (a) Stop, tail, and clearance lights;
- (b) An alternator with an output of at least 145 amperes;
- (c) A master disconnect switch for electrical system;
- (d) Wiring protected by insulating grommets where passing through metal;
- (e) Halogen headlights;
- (f) A seven-pin twelve-volt trailer receptacle (if applicable);
- (g) Electrical circuits protected with fuses, relays or circuit breakers; and

(h) LED reverse lights.

3.16.1 Batteries- Heavy duty maintenance free batteries shall be provided. The batteries shall have a total cold cranking amperes capacity of at least 2250 (CCA).

3.17 Miscellaneous Equipment- The vehicle shall be equipped with the following miscellaneous equipment:

- (a) License plate holders, front and rear;
- (b) Standard mud flaps at the front and rear wheels;
- (c) Two recovery tow points mounted at the front and at the rear, hooks and mountings of sufficient strength to permit the recovery of the fully loaded vehicle; and
- (d) At least nine centimetres (3.5 inches) rubber splash guards on front fenders on all 4x4 chassis.

3.18 Paint- The following paint procedure shall be followed for the vehicle including the cab chassis and variant systems, as applicable:

- (a) Paint applied in accordance with the paint manufacturer's recommendations and the manufacturer's best production procedures, rendering a durable finish and a smooth appearance free from runs, sag and orange peel;
- (b) A phosphate treatment plus primer or an E-coat system on all ferrous metals, followed by a minimum of one coat of paint and a clear coat; and
- (c) A clear exterior grade sealer on all wooden surfaces.

3.18.1 Paint Colour- The vehicle, including the recovery systems shall be painted Olive Drab paint. Fuel tank(s), disc wheels and bumpers shall be painted Olive Drab. All bright work shall be omitted.

Note: The following Olive Drab paint is provided as guidance- DUPONT N6297 HN Olive Drab flat IMRON 5000 3.5 VOC Single Stage.

3.19 Corrosion Protection System- The following shall be provided for the vehicle:

- (a) Aftermarket rust proofing provided in addition to standard factory rust proofing. The treatment will normally be applied within the first year of service. The treatment date will be directed by the Technical Authority to optimize seasonal rust prevention benefits. If not demanded prior to delivery, a pre-paid certificate authorizing treatment at an aftermarket outlet shall be provided with the vehicle;
- (b) Metal surfaces treated with a rust preventive oily film product having the following properties;

- i Moisture displacing;
 - ii Creeping (capillary action);
 - iii Low solvent content;
 - iv Compatibility with rubbers, plastics and all other materials used in automotive construction;
 - v Non toxic;
 - vi Minimal dripping;
- (c) Written proof of a twelve hour ASTM B117 salt spray endurance test certification by an independent test laboratory. Krown Rust Kontrol and Rust Check products have been previously certified, proof not required;
- (d) The application includes, but is not limited to the underside of fenders and hood, enclosed and boxed-in sections, seams, mouldings, crevices, weld points, underbody and exposed exterior brackets;
- (e) A decal and warranty papers accompanying each vehicle; and
- (f) Corrosion protection system widely available across Canada or available through mobile services.

Note: the following corrosion protection system is provided as guidance: Krown Rust Kontrol or Rust Check products.

3.20 Corrosion Resistant Materials- The vehicle **shall**^(E):

- (a) Be provided with stainless steel, zinc plated or hot dipped galvanized aluminium rivets, and plastic black oxide brass fasteners; and
- (b) Be designed to prevent galvanic corrosion.

3.21 Variant/Equipment- Recovery Systems in accordance with the requirements of Specification D-32-001-050/SF-002 **shall** be provided.

3.22 Lubricants and Hydraulic Fluids- The following applies:

- (a) Axles, transmission and differentials **shall** be furnished with synthetic lubricant. The synthetic lubricant **shall** be approved by components manufacturer and furnished by the OEM; and
- (b) The vehicle **shall** operate satisfactorily on Canadian Forces Supply Line lubricants including synthetic lubricants. This includes 15W40 and SAE 75W90. Vehicle hydraulic systems **shall** operate using DEXRON III.

3.23 Identification- The following information **shall** be permanently affixed in a conspicuous and protected location:

- (a) The manufacturer's name, model number, serial number and model year;
and
- (b) The GVWR and GAWR ratings (as applicable).

3.24 Warning and Instruction Plates- The vehicle **shall** be equipped with warning and equipment operation instruction plates that are in accordance SAE J115. The plates **shall**:

- (a) Bilingual (English and French) and within easy view of the operator;
and/or
- (b) Make use of graphic symbols, as much as possible, as defined in SAE J1362.

3.25 Deliverable Information - The Contractor **shall** provide the Deliverable Information in accordance with the terms of the contract/call-up:
following additional manuals **shall** be provided:

- (a) **Equipment Manuals** - The following manuals **shall** be provided:
 - i. **Operator's/Owner's Manuals** - Operator's manuals **shall** be furnished in a bilingual format or as 2 manuals in a single binder (one English, one French). **A hard copy of the Operator's manual shall be delivered with each vehicle;**
 - ii. **Parts Manuals** - The Parts Manuals **shall** be in English (French translation is desirable);
 - iii. **Maintenance (Shop Repair) Manuals** - The Maintenance (Shop Repair) Manual **shall** be in English (French translation is desirable);
 - iv. Manuals on CD/DVD-ROM or online will be acceptable. The operator's manual **shall** be provided as detailed in sub-par i. above.
 - v. **Variant Equipment Manuals** - Variant equipment are assemblies not produced by the Prime manufacturer that are added to the vehicle, which have their own set of manuals. This **shall** include:
 - 1. Operating Instructions;
 - 2. Parts Manual;
 - 3. Maintenance Manual (Shop Repair); and
- (b) **Sample Manuals** - A set of Sample Manuals, including all of the above manuals [3.25(a)i to v]. The sample manuals **shall** be delivered to the Technical Authority 15 working days before delivery of vehicles. Sample manuals will not be returned. The Technical Authority will provide manual approval or comments within 30 days;

- (c) **Data Summary** - The Contractor **shall** provide a Data Summary to the Technical Authority for each complete vehicle make/model furnished. The Contractor **shall** complete Data Summary by filling in the required data and an electronic picture into a Data Summary template provided by the Technical Authority. Data Summary **shall** be bilingual;
- (d) **Photographs** - The contractor **shall** provide the Technical Authority with two (2) digital pictures for each complete vehicle, one of the left front three-quarter view, and one of the right rear three-quarter view. All pictures **shall** be taken with a clear uncluttered background. The picture size **shall** be at least 4 Mega pixels;
- (e) **Warranty Letter** - The contractor **shall** provide a copy of the completed Warranty Letter with each vehicle shipped in the format approved by the Technical Authority. The Contractor **shall** send a copy of the completed Warranty Notification Letter to the Technical Authority for each vehicle shipped, at shipment. A copy of the Warranty Letter **shall** be forwarded to the Technical Authority in electronic format. Warranty Letter **shall** be bilingual;
- (f) **Line Setting Ticket** - The Contractor **shall** provide a Line Setting Ticket, or equivalent, describing the components provided on the cab and chassis. One copy of the Line Setting Ticket **shall** accompany each completed vehicle to the final delivery point. The Contractor **shall** produce a Supplement listing for all Non-Production Line components and systems included in the Contract/Call-up. The Supplement **shall** indicate the name of the component or system and the company (name and address) where it is to be installed on the cab and chassis. One copy of the Line Setting Ticket and one copy of the Supplement **shall** be forwarded to the Technical Authority as soon as they are available;
- (g) **Training** - Training Requirement on the cab & chassis and recovery system:
- i. **Operator Training** - A Representative of the Contractor **shall** provide a minimum of eight (8) hours of operator training to a maximum of eight (8) persons no later than (1) month after delivery of each vehicle. The training **shall** include at least ½ hour of operating time for each of the operators present. The contractor **shall** provide costs with the bid for the destination given in the Request for Proposal. For the firm quantity, transportation costs, travel time, and all related costs for the representative to go to and from the Crown Location **shall** be provided with the bid. A "Proof of Operator Training" that has been completed and signed by an authorized representative of the Crown **shall** confirm the Operator training has been completed and **shall** accompany the invoice for payment. Training **shall** be available in both French and English. The Technical Authority will provide "Proof of Operator Training" in an electronic format during the pre-production meeting.
 - ii. **Maintenance Training** - A Representative of the Contractor **shall** provide a minimum of eight (8) hours of maintenance

training to a maximum of eight (8) persons no later than (1) month after delivery of each vehicle. The contractor shall provide costs with the bid for all destinations given in Request for Proposal. For the firm quantity, transportation costs, travel time, and all related costs for the representative to go to and from the Crown Location shall be included in with the bid. A "Proof of Maintenance Training" that has been completed and signed by an authorized representative of the Crown shall confirm the Maintenance training has been completed and shall accompany the invoice for payment. Training shall be available in both French and English. The Technical Authority will provide "Proof of Maintenance Training" in an electronic format during the pre-production meeting.

4. QUALITY ASSURANCE PROVISIONS

4.1 Quality System Requirements- The Quality System shall be in compliance with the SACC manuals. The Manuals are detailed in the Request for Proposal (RFP). The contractor shall be responsible for the Quality System. The Quality Assurance Representative (QAR) will assure that the contractor is providing a Quality System.

4.2 Performance and Verification Testing- The first vehicle of each Configuration to be delivered shall be examined and performance tested by the contractor, under real or equivalent load and operating conditions, to ensure item by item conformance to specified requirements. The QAR and/or the Technical Authority may witness this testing and operate the unit sufficiently to assess the handling characteristics. The contractor shall have a fully equipped vehicle weighed on certified scales, total weight and weight on each axle shall be furnished.

14 February 2012

APPENDIX "1"

TECHNICAL INFORMATION QUESTIONNAIRE - (D-32-001-050/SF-001)

DETACH, COMPLETE, AND RETURN

CONFIGURATION A

Summary Requirement				
Item	Configuration	Equipment Variant	Qty	Destination
ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002	A	Wrecker D-32-001-050/SF-002	1	Meaford
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002	A	Car Carrier D-32-001-050/SF-002	3	Gagetown Petawawa Kingston

1. SCOPE.

1.1 **SCOPE**- This Questionnaire covers technical information that **shall** be supplied by a bidder. This information is required by the Technical Authority for technical assessment of equipment offered.

1.2 "N/A" means that the Optional Equipment is Not Applicable to the configuration. "B" means that the Optional Equipment is **Basic** equipment option that **shall** be provided for the configuration as a core requirement.

NOTE: IT IS THE BIDDERS RESPONSIBILITY TO CLARIFY OUTSTANDING TECHNICAL ISSUES, BY WRITTEN REQUEST, TO THE CONTRACTING OFFICER PRIOR TO BID SUBMISSION.

PURCHASE DESCRIPTION PARAGRAPHS

3.1 **Standard Design** Complies? Yes _____ No _____

Explain _____

(a) Chassis Make and Model _____

Model Year _____

(e) System and component capacities have not been raised above published ratings to meet the requirements of the purchase description?

Yes _____ No _____

Explain _____

Has a product brochure been enclosed? Yes _____ No _____

3.2 **Operating Conditions** Complies? Yes _____ No _____

Explain _____

3.3 **Vehicle Safety Regulations** Complies? Yes _____ No _____

Explain _____

Will the NSM be provided for the complete vehicle? _____

3.3.1 **Variant Equipment Integrator(s) Certification** Complies? Yes _____ No _____

Explain _____

3.3.2 **Welding Certification** Complies? Yes _____ No _____

Explain _____

Welding Certification Letter of Validation Provided? Yes _____ No _____

Explain _____

3.4 **Performance**

(a) Vehicle Speed _____ kmh

(b) Vehicle Gradeability _____ Percent at _____ kmh

(c) Gross Engine Horsepower _____ HP

Gross Engine Torque _____ lb-ft

(d) Vehicle Performance Prediction Analysis for Each Configuration
Complies? Yes _____ No _____

Explain _____

3.5 **Ratings**

(a) Gross Vehicle Weight Rating (**GVWR**) _____ kg

Gross Combination Weight Rating (**GCWR**) _____ kg

Gross Axle Weight Rating (**GAWR FRONT**) _____ kg

Gross Axle Weight Rating (**GAWR REAR**) _____ kg

Chassis Curb Weight _____ kg

Towed Load _____ kg

3.6 **Dimensions**

Recovery Systems D-32-001-050/SF-002

ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002	Required Chassis Dimensions	WB _____ cm CA _____ cm AF _____ cm
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002	Required Chassis Dimensions	WB _____ cm CA _____ cm AF _____ cm

3.7 **Engine** Complies? Yes _____ No _____

Explain _____

Make/Model _____

3.7.1 **Engine Components** Complies? Yes _____ No _____

Explain _____

(e) **Fuel Fired Preheat System** Complies? Yes _____ No _____

Explain _____

System Make, Model & Capacity _____

3.7.2 **Fuel System** Complies? Yes _____ No _____

Explain _____

(a) Fuel Reservoir Capacity _____ litres

(b) Fuel Heater Make & Model _____

3.7.3 **Cold Weather Starting Aids** Complies? Yes _____ No _____

Explain _____

(a) Coolant Block Heater

Make/Model _____

Power _____ Watts

(b) Filter/Water Separator

Make/Model _____

3.8 **Automatic Transmission** Complies? Yes _____ No _____

(a), (b) & (c) Make/Model _____

Number of Forward speeds _____ Reverse speeds _____

(d) **Power Take-Off (Automatic Transmission)** Complies? Yes _____ No _____

Explain _____

Make/Model _____

3.8.1 Additional Drive-Line Requirement -

Two Speed Transfer Case - Complies? Yes _____ No _____

Explain _____

Make/Model _____

3.9 Steering Complies? Yes _____ No _____

Explain _____

3.10 Brakes Complies? Yes _____ No _____

Explain _____

Ground clearance _____ cm

(a) ABS - Make/Model _____

(c) Air Compressor Capacity _____ Cfm

(e) Air dryer - Make/Model _____

3.10.1 Additional Brake Requirement

Applicable to **Item I only** (ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002)

(a) **Front Glad Hands** - Complies? Yes _____ No _____

Explain _____

(b) **Rear Glad Hands** - Complies? Yes _____ No _____

Explain _____

3.11.1 Wheels and Tires

All Axles Mud & Snow Tires & Tread (Dual)

Front Wheel _____ Make _____ Size _____ Rating _____

Rear Wheel _____ Make _____ Size _____ Rating _____

Front Tires Make _____ Size _____ Rating _____

Rear Tires Make _____ Size _____ Rating _____

Tire Tread Pattern _____

3.12 **Suspension & Axles** Complies? Yes _____ No _____

Explain _____

Suspension

Front Make _____ Model _____

Rear Make _____ Model _____

Rated Capacity Front _____ kg Rear _____ kg

Axles

Front Make _____ Model _____

Rear Make _____ Model _____

Rated Capacity Front _____ kg Rear _____ kg

3.13 **Frame** Complies? Yes _____ No _____

Explain _____

(a) Bidder **shall** indicate maximum frame strength available for truck line offered for each configuration:

Section Module _____

Steel Strength _____ Yield (psi) RBM _____ in/lb

(b) Frame Extension Length _____ cm

3.14 **Cab** Complies? Yes _____ No _____

Explain _____

(a) **Air Conditioning** Complies? Yes _____ No _____

Explain _____

Make/Model _____

Refrigerant _____

(d) **Driver's Seat** Complies? Yes _____ No _____

Explain _____

Make/Model _____

(f) **Mirrors** Complies? Yes _____ No _____

Explain _____

Make/Model _____

Dimensions _____

3.15 **Controls and Instruments** Complies? Yes _____ No _____

Explain _____

3.16 **Electrical System** Complies? Yes _____ No _____

Explain _____

(b) Alternator Output _____ Amperes

3.16.1 **Batteries** Complies? Yes _____ No _____

Explain _____

CCA _____

3.17 **Miscellaneous Equipment** Complies? Yes _____ No _____

Explain _____

3.18 **Paint** Complies? Yes _____ No _____

Explain _____

3.18.1 **Paint Colour** Complies? Yes _____ No _____

Explain _____

3.19 **Corrosion Protection System** Complies? Yes _____ No _____

Explain _____

3.20 **Corrosion Resistant Materials** Complies? Yes _____ No _____

Explain _____

3.21 **Variant/Equipment**

Recovery Systems - D-32-001-050/SF-002

ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002

ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002

3.22 **Lubrications & Hydraulic Fluids** Complies? Yes _____ No _____

Explain _____

3.23 **Identification** Complies? Yes _____ No _____

Explain _____

3.24 **Warning and Instruction Plates** Complies? Yes _____ No _____

Explain _____

3.25 **Deliverable Information**

(a) **Equipment Manuals**

i. **Chassis Operator's Manual** Will be provided as requested? Yes _____ No _____

All required elements are included? Yes _____ No _____

Explain _____

ii. **Chassis Parts Manual** Will be provided as requested? Yes _____ No _____

All required elements are included? Yes _____ No _____

Explain _____

iii. **Chassis Maintenance (Shop Repair) Manual** Will be provided as requested? Yes _____ No _____

All required elements are included? Yes _____ No _____

Explain _____

iv. **CD/DVD-ROM or On-line Manuals** - In lieu of paper copies (except Operator's manual)? Yes _____ No _____

Explain _____

v. **Variant Equipment Manuals** Will be provided as requested? Yes _____ No _____

Explain _____

(b) **Sample Manuals** Will be provided as requested? Yes _____ No _____

Explain _____

(c) **Data Summary** Will be provided as requested? Yes _____ No _____

Explain _____

(d) **Photographs** Will be provided as requested? Yes _____ No _____

Explain _____

(e) **Warranty Letter** Will be provided as requested? Yes _____ No _____

Explain _____

(f) **Line Setting Ticket** (Cab and Chassis) Will be provided as requested? _____
Yes _____ No _____

Explain _____

(g) **Training** Will be provided as requested? _____
Yes _____ No _____

Explain _____

14 February 2012

ANNEX "B"

PURCHASE DESCRIPTION

FOR

RECOVERY SYSTEMS

A. WRECKER BODY/SYSTEM

Summary Requirement				
Item	Configuration	Equipment Variant	Qty	Destination
ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002	A	Wrecker D-32-001-050/SF-002	1	Meaford
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002	A	Car Carrier D-32-001-050/SF-002	3	Gagetown Petawawa Kingston

1. SCOPE.

1.1 Scope- This Purchase Description describes the requirement for a Wrecker System complete with a hydraulic under wheel lift, a single hydraulic boom and a front mounted winch. The vehicle shall be capable of recovering and suspend towing a vehicle with a GVW of 13,608 kg (30,000 lbs). The Wrecker System shall be available as an Equipment Variant option.

1.1.1 Primacy of Requirements- This document describes equipment that shall be used in conjunction with the equipment specified in Purchase Description D-32-001-050/SF-002. New paragraph numbers are requirements in addition to the Purchase Description requirement in document D-32-001-050/SF-002.

3.26 WRECKER BODY FEATURES.

3.26.1 Nominal Dimensions- All dimensions indicated below are considered nominal dimensions, unless otherwise specified.

3.A Wrecker Body

3.A.1 Body- The body shall be equipped with:

- (a) A large, tool tunnel compartment, accessible from both sides of the vehicle;

- (b) One compartment on each side of the vehicle suitable for the stowage of small tools and attachments. The compartments shall be equipped with padlockable doors. The compartments interior walls and floor shall be sprayed with an impact and noise protective coating, and the floor lined with removable tough perforated vinyl matting. The compartments shall have provision for drainage;
- (c) Light pylon suitable to mount the emergency light bar and other required lighting;
- (d) Two glad hands, a 7-pin connector, and a tow light arrangement. The electrical cord, complete with 7-pin plug and magnetic tow lights, shall be long enough to allow the tow light units to be mounted at the rear of a 5 ton vehicle with a 24 ft van. The glad hands and electrical connectors shall be located in the left rear corner of the wrecker body and rear of the controls;
- (e) A set of 2 at least 183 meters (50 feet) air brake hose assemblies;
- (f) A set of 2 rear mounted hydraulic deployable spades, complete with spade pads; and
- (g) Four rear tie back loops.

3.A.2 Mounting- The wrecker body shall^(E) be mounted using "U" bolts or shear plates.

3.A.3 Lighting/Electrical System- LED lights shall be provided, as commercially available. The lighting system shall include:

- (a) Fog lights inset in the bumper. A light switch on the dash board to operate the fog lights shall be provided;
- (b) A light switch on the dash board to operate the spot/flood lamps;
- (c) A light pylon which incorporates an emergency light bar and two flood lights that illuminate the winch area;
- (d) Two work lights located beside the winches and additional two on the rear face inset midway between the top and bottom to illuminate the under wheel lift and surrounding area; and
- (e) Storage/tool compartment lights.

3.A.4 Hydraulic System- The hydraulic system shall be:

- (a) Powered by an air operated "Hot Shift" type Power Take Off (PTO), and be equipped with a tandem hydraulic pump; and
- (b) Capable of being operated from either one of two control station located at the rear left and right rear corners of the wrecker body.

3.A.5 Hydraulic Boom- The hydraulic boom shall:

- (a) Have a structural rating of at least 18,144 kg (40,000 lbs) when fully retracted and 4,536 kg (10,000 lbs) when fully extended. The boom shall be capable of recovering/lifting a vehicle with a 13,608 kg (30,000 lbs) GVW;
- (b) Have hydraulically controlled extension mechanisms. The boom elevating mechanism shall be equipped with an integral holding valve;
- (c) Be equipped with 360° boom end swivels;
- (d) Have the following reach capabilities, beyond the tailgate of at least:
 - i. 457 mm (18 inches) when retracted;
 - ii. 2,413 mm (95 inches) when extended at minimum elevation; and
 - iii. 939 mm (37 inches) when extended at maximum elevation.

3.A.6 Hydraulic Winches (2)- The vehicle shall be equipped with two hydraulic winches. The winches shall:

- (a) Be variable speed, with first layer pull of 11,340 kg (25,000 lbs). Each winch shall have at least 16 mm x 60 meters (5/8 inch x 200 feet) cable;
- (b) Be equipped with cable tensioners and air operated clutch releases;
- (c) Have winch circuits equipped with a wireless remote control unit. The remote control unit shall operate the winches and the hydraulic under wheel lift; and
- (d) Include two 7,257 kg (16,000 lbs) capacity snatch block.

3.A.7 Hydraulic Under Wheel Lift- The hydraulic under wheel lift shall:

- (a) Have a lifting capacity of at least 5,443 kg (12,000 lbs) fully retracted, and a lifting capacity of at least 4,536 kg (10,000 lbs) fully extended;
- (b) Have extension, retraction and folding of the boom done hydraulically;
- (c) Have a towing capacity of at least 22,680 kg (50,000 lbs);
- (d) Have full power up and full power down, and the capability of tilting up above horizontal and tilting below horizontal;
- (e) Be outfitted with lift equipped with a remote control unit. The remote control unit shall operate the winches and the hydraulic under wheel lift;
- (f) Have the following attachments for under axle lifting:
 - i. Quantity two each of 88 mm (3.5 inch) short and tall forks;

- ii. Quantity two each of 152.4 mm (6 inches) inch short and tall forks; and
- iii. Quantity two each of spring forks and high stands.

3.A.8 Hydraulic Under Axle/Wheel Lift System - Suspend Towing Light Duty Vehicles- The system **shall**:

- (a) Be Capable of suspend towing a vehicle with an axle weight of approximately 1,814 kg (4,000-lb) when fully extended;
- (b) Have the lift system controls incorporated in the platform and remote control systems;
- (c) Include one trailer hitch and one pintle hook adaptor;
- (d) Include the following chains and binders:
 - i One set of "V" chains;
 - ii One set of tie-down chains and binders for the front; and
 - iii One set of tie-down chains with "J" hooks.

3.A.9 Front Winch- The vehicle **shall** be equipped with a front mounted hydraulic winch. The hydraulic winch **shall**:

- (a) Have a rated first layer capacity of 9,072 kg (20,000 lbs);
- (b) Include a wire rope 45 m (150 feet) long with a rated capacity of 1.5 times the maximum rated capacity of the winch;
- (c) Include an automatic drag and safety brake, a hydraulic overload device, a free spooling feature, a 900 mm (3 feet) leader chain with hook and a roller fairlead;
- (d) Operate using a wireless remote control unit;
- (e) Include a snatch block capable of withstanding a double line pull capacity of the winch;
- (f) Be equipped with cable tensioners and air operated clutch releases;
- (g) Be equipped with cable guide roller system assembly; and
- (h) Have a brochure detailing the winch information.

3.A.10 Boosting Equipment- The Boosting equipment **shall**:

- (a) Have battery powered jump-starting boosters capable for boosting vehicles equipped with 12 volt or 24 volt electrical starting systems. The battery powered jump-starting booster system **shall**^(E) be Revolt No. 747;

- (b) Be protected in enclosed metal weatherproof compartments for the system and battery (ies); If the booster system and Battery (ies) are not protected, the compartments shall be equipped with padlockable doors and two separate hooks to the boosting cables. The compartments interior walls and floor shall be sprayed with an impact and noise protective coating, and the floor lined with removable tough perforated vinyl matting. The compartment shall have provision for drainage ; and
- (c) Have a set of (2) booster cables at least 10,668 mm (35' feet).

B. CAR CARRIER BODY/SYSTEM

Summary Requirement				
Item	Configuration	Equipment Variant	Qty	Destination
ITEM I = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE WRECKER SYSTEM D-32-001-050/SF-002	A	Wrecker D-32-001-050/SF-002	1	Meaford
ITEM II = CAB & CHASSIS D-32-001-050/SF-001 COMPLETE WITH THE CAR CARRIER D-32-001-050/SF-002	A	Car Carrier D-32-001-050/SF-002	3	Gagetown Petawawa Kingston

1 Scope

1.1 Scope- This Purchase Description describes the requirements for a 9,072 kg (20,000 lbs) capacity, 7 meters (23 feet) long steel car carrier platform equipped with a 5,443 kg (12,000 lbs) capacity winch, and an under axle/wheel lift system. The car carrier shall be capable of loading and transporting vehicles and equipment weighing up to 9,000 kg (20,000 lbs) on the platform. The car carrier shall be capable of suspend tow a vehicle with a front axle weight of 1,814 kg (4,000 lbs) with the system fully extended and perform minor recovery/winning tasks of cars, station wagons, mini vans (all types), pick ups, SEVs up to 1½-ton capacity, SUVs, and ATVs. The Car Carrier System shall be available as an Equipment Variant option.

1.1.1 Primacy of Requirements- This document describes equipment that shall be used in conjunction with the equipment specified in Purchase Description D-32-001-050/SF-002. New paragraph numbers are requirements in addition to the Purchase Description requirement in document D-32-001-050/SF-002.

3.27 CAR CARRIER FEATURES.

3.27.1 Nominal Dimensions- All dimensions indicated below are considered nominal dimensions, unless otherwise specified.

3.B.1 Dimensions- The Body shall have:

- (a) Platform maximum width of no more than 2,590 mm (102 inches);
- (b) The platform width inside the side rails measures at least 2,489 mm (98 inches); and
- (c) Floor length of no less than 7 meters (23 feet).

3.B.2 Construction- The Body shall^(E):

- (a) Be of steel construction and the deck constructed of at least 4.8 mm (3/16-inch) steel checker plate with at least 152 mm (6 inches) T1 steel plate welded at the rear end of the deck;
- (b) Have cross-members on no less than 305 mm (12 inches) centers;
- (c) Include removable side rails at least 152 mm (6 inches) provided on the left and right side of the deck;
- (d) Be mounted on plastic sliding surface (such as Nylatron) to facilitate the movement of the sliding deck;
- (e) Include a two-post cab protector;
- (f) Have platform equipped with left and right chain trays located at the front of the deck;
- (g) Include at least five chain slots per deck side; and
- (h) Include at least four, winch binder sliding tracks on the side of the deck bed complete with winch binders and at least 76 mm x 9 meters (3 inches x 30 feet) straps.

3.B.3 Mounting- The car carrier platform body shall^(B) be mounted using "U" bolts or shear plates.

3.B.4 Hydraulic System- The hydraulic system shall:

- (a) Be equipped with a 17-gpm hydraulic pump mounted directly to the PTO;
- (b) Have a 20-gallon hydraulic tank equipped with a filter;
- (c) Have a hydraulic five-spool main hydraulic valve bank;

3.B.5 Features- The following features shall be provided:

- (a) A platform equipped with a positive lock-down device; and
- (b) Permanently wired weatherproof platform controls provided on the left and right rear sides of the platform.

3.B.6 Lights and Accessories- All lights shall be LED, as commercially available. The Lights and Accessories shall include:

- (a) A light pylon incorporating a chain rack;
- (b) Two work lights mounted on top of the rear bumper;
- (c) Three marker lights on each side of the platform;
- (d) Two-unit amber light;

Note: The following amber light is provided as guidance - Code 3 Model 5100A
521 mm (20½ inches)

- (e) Deck lights mounted on each side of the winch;
- (f) Dash mounted and properly identified Light switches; and
- (g) A 7-pin electrical connector, and a tow light arrangement. The electrical cord, complete with 7-pin plug and tow lights, **shall** be long enough to allow the tow light units to be mounted at the rear of a vehicle with a 7.3 meters (24 feet) long vehicle.

3.B.7 Deck Hydraulic Winch- A hydraulic winch mounted between the light pylons on car carrier deck **shall** be provided. The winch **shall** :

- (a) Have a first layer capacity of at least 5,443 kg (12,000 lbs);
- (b) Include a winch cable of at least 23 meters (75 feet) long and a nominal 11 mm (7/16 inch) in diameter;
- (c) Include winch circuits equipped with a wireless remote control unit. The remote control unit **shall** operate the winch and the hydraulic under wheel lift;
- (d) Include a hydraulic pump equipped with an automatic overload bypass;
- (e) Be equipped with cable tensioners and air operated clutch releases;
- (f) Include a removable roller guide at the center rear of the platform;
- (g) Include a stabilizer grip system at the rear of the platform to stop the vehicle from sliding rearwards during winching operations;
- (h) Have all components suitably protected to prevent damage; and
- (i) Include safety warning decals and yellow and black warning strips provided where required.

3.B.8 Front Hydraulic Winch- A hydraulic winch mounted on chassis front frame extension **shall** be provided. The winch **shall**:

- (i) Have a rated first layer capacity of 9,072kg (20,000 lbs);
- (j) Include a wire rope 45 m (150 feet) long with a rated capacity of 1.5 times the maximum rated capacity of the winch;
- (k) Include an automatic drag and safety brake, a hydraulic overload device, a free spooling feature, a 900 mm (3 feet) leader chain with hook and a roller fairlead;
- (l) Operate using a wireless remote control unit;

- (m) Include a snatch block capable of withstanding a double line pull capacity of the winch;
- (n) Be equipped with cable tensioners and air operated clutch releases;
- (o) Be equipped with cable guide roller system assembly; and
- (p) Have a brochure detailing the winch information.

3.B.9 Hydraulic Under Axle/Wheel Lift System- The System **shall**:

- (e) Be Capable of suspend towing a vehicle with an axle weight of approximately 1,814 kg (4,000-lb) when fully extended;
- (f) Have the lift system controls incorporated in the platform and remote control systems;
- (g) Include one trailer hitch and one pintle hook adaptor;
- (h) Include the following chains and binders:
 - i One set of "V" chains;
 - ii One set of tie-down chains and binders for the front; and
 - iii One set of tie-down chains with "J" hooks.

3.B.10 Storage Compartment/Tool Box- A metal weatherproof compartment **shall** be provided. The compartment **shall**:

- (a) Be located in a Technical Authority Approved Location with the preferred location accessible from the curbside;
- (b) Be equipped with pad-lockable door(s), which do not interfere with general access and static operations when open;
- (c) Have provision for drainage; and
- (d) Have the compartment interior walls and floor sprayed with an impact and noise protective coating, and the floor lined with removable tough perforated vinyl matting.

Note: The following compartment dimensions are provided as guidance - 183 cm X 61 cm X 61 cm (72 inches X 24 inches X 24 inches).

3.B.11 Boosting Equipment- The Boosting equipment **shall**:

- (a) Have battery powered jump-starting boosters capable for boosting vehicles equipped with 12 volt or 24 volt electrical starting systems. The battery powered jump-starting booster system **shall**^(E) be Revolt No. 747;

- (b) Be protected in enclosed metal weatherproof compartments for the system and battery (ies), If the booster system and Battery (ies) are not protected. The compartments shall be equipped with padlockable doors and two separate hooks to the boosting cables. The compartments interior walls and floor shall be sprayed with an impact and noise protective coating, and the floor lined with removable tough perforated vinyl matting. The compartment shall have provision for drainage; and
- (c) Have a set of (2) booster cables at least 10,668 mm (35' feet).

14 February 2012

APPENDIX "1"

TECHNICAL INFORMATION QUESTIONNAIRE (D-32-001-050/SF-002)

DETACH, COMPLETE, AND RETURN

RECOVERY SYSTEM

1. SCOPE.

1.1 Scope- This Appendix covers technical information to be supplied by each bidder. This information is required by the Technical Authority for technical assessment of equipment offered.

NOTE: IT IS THE BIDDERS RESPONSIBILITY TO CLARIFY OUTSTANDING TECHNICAL ISSUES, BY WRITTEN REQUEST, TO THE CONTRACTING OFFICER PRIOR TO BID SUBMISSION.

PURCHASE DESCRIPTION APPENDIX PARAGRAPHS

3.A.1 Wrecker Body - Complies? Yes _____ No _____

Explain _____

Body Make and Model _____

Model Year _____

Length of time this model in production/sold commercially _____ years

Year of the last redesign for the model being offered _____

Length of time of production of similar equipment _____ years

Large compartment size _____ mm

Small sompartment size _____ mm

3.A.2 Mounting - Complies? Yes _____ No _____

Explain _____

3.A.3 Lighting/Electrical System - Complies? Yes _____ No _____

Explain _____

3.A.4 Hydraulic System - Complies? Yes _____ No _____

Explain _____

PTO Make _____ Model _____

3.A.5 Hydraulic Boom - Complies? Yes _____ No _____

Explain _____

Boom Make _____ Model _____ Capacity _____

Boom capacity loading chart - Provided? _____

3.A.6 Hydraulic Winches - Complies? Yes _____ No _____

Explain _____

Winch Make _____ Model _____ Capacity _____

Snatch block Make _____ Model _____ Capacity _____

3.A.7 Hydraulic Under Wheel Lift - Complies? Yes _____ No _____

Explain _____

Wheel lift Make _____ Model _____ Capacity _____

3.A.8 Hydraulic Under Wheel Lift - Light Duty Vehicles Suspend Towing - Complies? Yes _____ No _____

Explain _____

Wheel lift Make _____ Model _____ Capacity _____

3.A.9 Front Winch - Complies? Yes _____ No _____

Explain _____

Winch Make _____ Model _____ Capacity _____

Snatch block Make _____ Model _____ Capacity _____

3.A.10 Boosting Equipment - Complies? Yes _____ No _____

Explain _____

Make _____ Model _____ Capacity _____

Booster cables - Length _____ m

3.B Car Carrier Body and Equipment

Body Make and Model _____

Model Year _____

Length of time this model in production/sold commercially _____ years

Year of the last redesign for the model being offered _____

Length of time of production of similar equipment _____ years

3.B.1 Body Dimensions - Complies? Yes _____ No _____

Explain _____

Platform width _____ mm

Platform width inside side rail _____ mm

Floor length _____ m

Overall length (OAL) _____ m

Overall height _____ m

3.B.2 Construction - Complies? Yes _____ No _____

Explain _____

Straps - Length _____ m Width _____ mm

3.B.3 Mounting - Complies? Yes _____ No _____

Explain _____

3.B.4 Hydraulic System - Complies? Yes _____ No _____

Explain _____

(a) Hydraulic pump - Make, Model and GPM _____

(b) Hydraulic tank - Capacity _____

3.B.5 Features - Complies? Yes _____ No _____

Explain _____

3.B.6 Lights and Accessories - Complies? Yes _____ No _____

Explain _____

(d) Light bar(s) - Make and Model _____

(e) Tow light(s) Cable length _____ m

3.B.7 Deck Hydraulic Winch - Complies? Yes _____ No _____

Explain _____

(a) Winch - Make, Model and Rating _____

(b) Winch cable - Length _____ m Diameter _____ mm

3.B.8 Front Hydraulic Winch - Complies? Yes _____ No _____

Explain _____

Winch Make _____ Model _____ Capacity _____

Snatch block Make _____ Model _____ Capacity _____

3.B.9 Hydraulic Under Axle/Wheel Lift System - Complies? Yes _____ No _____

Explain _____

(a) Lift system - Make, Model and Rating _____

3.B.10 Storage Compartment/Tool Box - Complies? Yes _____ No _____

Explain _____

Compartment - Length _____ cm Width _____ cm Depth _____ cm

3.B.11 Boosting Equipment - Complies? Yes _____ No _____

Explain _____

Make _____ Model _____ Capacity _____

Booster cables - Length _____ m

