

**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**
Réception des soumissions - TPSGC / Bid
Receiving - PWGSC
601-1550, Avenue d'Estimauville
Québec
Québec
G1J 0C7

**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 HEL Integration	
Solicitation No. - N° de l'invitation W7701-135591/A	Date 2013-02-21
Client Reference No. - N° de référence du client W7701-13-5591	
GETS Reference No. - N° de référence de SEAG PW-\$QCL-002-15242	
File No. - N° de dossier QCL-2-35514 (002)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2013-03-11	Time Zone Fuseau horaire Heure Normale du l'Est HNE
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Brisebois, Aline	Buyer Id - Id de l'acheteur qcl002
Telephone No. - N° de téléphone (418) 649-2883 ()	FAX No. - N° de FAX (418) 648-2209
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: R & D POUR LA DÉFENSE CANADA VALCARTIER BATIMENT 2459 BLVD PIE XI NORD QUEBEC Québec G3J1X5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

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

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

Issuing Office - Bureau de distribution
TPSGC/PWGSC
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Québec
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PART 1 - GENERAL INFORMATION

1. Introduction

The bid solicitation document is divided into seven parts plus attachments and annexes as follows:

Part 1 General Information: provides a general description of the requirement;

Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;

Part 3 Bid Preparation Instructions: provides bidders with instructions on how to prepare their bid;

Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;

Part 5 Certifications: includes the certifications to be provided;

Part 6 Security, Financial Requirements: includes specific requirements that must be addressed by bidders; and

Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Statement of Work, Security Requirements Check List and

2. Summary

(i) The objectives of the work are:

The objective of this contract is to perform an engineering study for the integration of a High Energy Laser (HEL) on a Canadian military Vehicle.

(ii) Background

DRDC Valcartier is studying emerging technologies for the protection of military vehicles and their occupants. Specifically, DRDC Valcartier is looking at HEL technology for long standoff neutralization of exposed Improvised Explosive Devices (IED) and remote neutralization of unexploded Ordinances (UXO).

HEL is considered as one of the most promising technology to provide the Canadian Army with an unprecedented performance edge. Over the past years, laser-based defence systems have undergone a key transition from proof-of-concept demonstrations towards field deployable systems. This rapid evolution is due to recent developments in the fibre laser technology which led to an abrupt availability of low cost and robust core laser systems readily available for defence applications.

The goal of this contract is to gain knowledge on the requirements, tradeoffs, and costs related to the integration of a HEL on a vehicle. The vehicle of choice is the Canadian Forces Cougar vehicle also known as the Wolf. The laser beam will be delivered through a beam director mounted on the readily available Remote Weapon Station (RWS).

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iii) Client department

The services will be rendered to Defence Research and Development Canada (DRDC-Valcartier).

(iv) Period of the contract :

The period of the Contract is from date of Contract **for a period of 12 months.**

(v) Intellectual property rights

Any intellectual property rights arising from the performance of the Work under the resulting contract will belong to Canada.

(vi) Pursuant to section 01 of Standard Instructions 2003, Bidders must submit a complete list of names of all individuals who are currently directors of the Bidder. Furthermore, as determined by the Special Investigations Directorate, Departmental Oversight Branch, each individual named on the list may be requested to complete a Consent to a Criminal Record Verification form and related documentation.

(vii) Other information :

- The requirement is subject to the provisions of the Agreement on Internal Trade (AIT).
- The requirement is limited to Canadian services.
- This PWGSC office provides provides procurement services to the public in both official languages.
- This requirement is subject to the Controlled Goods Program.
- There is a security requirement associated with this requirement.

3. Debriefings

After contract award, bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days of receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

PART 2 - BIDDER INSTRUCTIONS

1. Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-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 (2012-11-19) 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: hundred twenty (120) days

1.1 SACC Manual Clauses

A7035T(2007-05-25), List of Proposed Subcontractors

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.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

3. Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than five (5) calendar days to Aline.Brisebois@tpsgc-pwgsc.gc.ca 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.

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4. Applicable Laws

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

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.

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 (4 hard copies) and 2 soft copies on CD

Section II : Financial Bid (2 hard copies) and 1 soft copie on CD

Section III : Certifications (1 hard copie)

If there is a discrepancy between the wording of the soft copy and the hard copy, the wording of the hard copy will have priority over the wording of the soft copy.

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

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; and
- (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)

(<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, bidders should be 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, print double sided/duplex, use staples or clips instead of cerlox, duotangs or binders.

Section I : Technical Bid

In their technical bid, bidders should demonstrate their understanding of the requirements contained in the bid solicitation and explain how they will meet these requirements. Bidders should demonstrate their capability and describe their approach in a thorough, concise and clear manner for carrying out the work.

The technical bid should clearly address and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

Section II : Financial Bid

According to the description of the work at Annex A;

1.1 Bidders must submit their financial bid in accordance with the following :

- (a) A firm, all inclusive lot price for the Work. The total amount of Goods and Services Tax or Harmonized Sales Tax is to be shown separately, if applicable.
- (b) For Canadian-based bidders, prices must be in Canadian funds, Canadian customs duties and excise taxes included, and Goods and Services Tax (GST) or Harmonized Sales Tax (HST) excluded.

FINANCIAL BID PRESENTATION SHEET

\$_____A firm, all inclusive lot price for the Work mentioned at Annex A

1.1.1 Price Breakdown

Bidders are requested to detail the following elements for the performance, of the Work, as applicable:

- (a) Labour : For each individual and (or) labour category to be assigned to the Work, indicate: i) the hourly rate, inclusive of overhead and profit; and ii) the estimated number of hours.
- (b) Equipment : Specify each item required to complete the Work and provide the pricing basis of each one, Canadian customs duty and excise taxes included, as applicable. These items will be deliverable to Canada upon completion of the contract.
- (c) Materials and Supplies : Identify each category of materials and supplies required to complete the Work and provide the pricing basis.
- (d) Travel and Living Expenses : Indicate the number of trips and the number of days for each trip, the cost , destination and purpose of each journey, together with the basis of these costs which must not exceed the limits of the Treasury Board (TB) Travel Directive. With respect to the TB Directive, only the meal, private vehicle and incidental allowances specified in Appendices B, C and D of the Directive <http://www.njc-cnm.gc.ca/directive/travel-voyage/index-eng.php> , and the other provisions of the Directive referring to "travellers", rather than those referring to "employees", are applicable.
- (e) Subcontracts : Identify any proposed subcontractor and provide for each one the same price breakdown information as contained in this article.
- (f) Other Direct Charges : Identify any other direct charges anticipated, such as long distance communications and rentals, and provide the pricing basis .
- (g) GST/HST : Identify any applicable GST or HST separately.

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Section III : Certifications

Bidders must submit the certifications required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

1. Evaluation Procedures

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

1.1 Technical Evaluation

Except where expressly provided otherwise, the experience described in the bid must be the experience of the Bidder itself (which includes the experience of any companies that formed the Bidder by way of a merger but does not include any experience acquired through a purchase of assets or an assignment of contract). The experience of the Bidder's affiliates (i.e. parent, subsidiary or sister corporations), subcontractors, or suppliers will not be considered.

1.1.1 Mandatory Technical Criteria

Refer to Attachment 1, Mandatory and Point Rated Technical Criteria.

1.1.2 Point Rated Technical Criteria

Refer to Attachment 1, Mandatory and Point Rated Technical Criteria.

1.2 Financial Evaluation

1.2.1 Evaluation of Price

The price of the bid will be evaluated in Canadian dollars, the Goods and Services Tax or the Harmonized Sales Tax excluded, FOB destination, Canadian customs duties and excise taxes included.

For evaluation purposes only, the price of the bid will be determined as follows:

BID EVALUATION PRICE

The firm, all inclusive lot price for the Work mentioned in Annex A

2. Basis of Selection

2.1 Basis of Selection - Highest Combined Rating of Technical Merit and Price

1. To be declared responsive, a bid must:

- (a) comply with all the requirements of the bid solicitation;
- (b) meet all mandatory criteria; and
- (c) obtain the required minimum of **27 points** overall for the technical evaluation criteria which are subject to point rating.

The rating is performed on a scale of **80 points**.

2. Bids not meeting (a) and (b) and (c) will be declared non-responsive.

3. The evaluation will be based on the highest responsive combined rating of technical merit and price. The ratio will be 60 % for the technical merit and 40 % for the price.

4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 60 %.

5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 40% .

6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.

7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an **example** where all three bids are responsive and the selection of the contractor is determined by a 60/40 ratio of technical merit and price, *respectively*. *The total available points equals 135 and the lowest evaluated price is \$45,000 (45).*

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)

	Bidder		
	Bidder 1	Bidder 2	Bidder 3
Overall Technical Score	115/135	89/135	92/135
Bid Evaluated Price	\$55,000.00	\$50,000.00	\$45,000.00
Calculations			
Technical Merit Score	$115/135 \times 60 = 51.11$	$89/135 \times 60 = 39.56$	$92/135 \times 60 = 40.89$

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Pricing Score	45/55 x 40 = 32.73	45/50 x 40 = 36.00	45/45 x 40 = 40.00
Combined Rating	83.84	75.56	80.89
Overall Rating	1st	3rd	2nd

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications and related documentation to be awarded a contract. Canada will declare a bid non-responsive if the required certifications and related documentation 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 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, to provide the related documentation or to comply with the request of the Contracting Authority for additional information will also render the bid non-responsive.

1. Mandatory Certifications Required Precedent to Contract Award

1.1 Code of Conduct and Certifications - Related documentation

1.1.1 By submitting a bid, the Bidder certifies, for himself and his affiliates, to be in compliance with the

Code of Conduct and Certifications clause of the Standard instructions. The related documentation hereinafter mentioned will help Canada in confirming that the certifications are true. By submitting a bid, the Bidder certifies that it is aware, and that its affiliates are aware, that Canada may request additional information, certifications, consent forms and other evidentiary elements proving identity or eligibility. Canada may also verify the information provided by the Bidder, including the information relating to the acts or convictions specified herein, through independent research, use of any government resources or by contacting third parties. Canada will declare non-responsive any bid in respect of which the information requested is missing or inaccurate, or in respect of which the information contained in the certifications is found to be untrue, in any respect, by Canada. The Bidder and any of the Bidder's affiliates, will also be required to remain free and clear of any acts or convictions specified herein during the period of any contract arising from this bid solicitation.

Bidders who are incorporated, including those bidding as a joint venture, must provide with their bid or promptly thereafter a complete list of names of all individuals who are currently directors of the Bidder. Bidders bidding as sole proprietorship, including those bidding as a joint venture, must provide the name of the owner with their bid or promptly thereafter. Bidders bidding as societies, firms, partnerships or associations of persons do not need to provide lists of names. If the required names have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply will render the bid non-responsive. Providing the required names is a mandatory requirement for contract award.

Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms (Consent to a Criminal Record Verification form- PWGSC-TPSGC 229) (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/formulaires-forms-eng.html>) for any or all individuals aforementioned within the time specified. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

2. Additional Certifications Precedent to Contract Award

The certifications listed below should be completed and submitted with the bid but may be submitted afterwards. If any of these required certifications is not completed and submitted as requested, the Contracting Authority will 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.

2.1 Federal Contractors Program for Employment Equity - Certification

2.1.2 Federal Contractors Program - over \$25,000 and below \$200,000

Suppliers who are subject to the Federal Contractors Program (FCP) and have been declared ineligible contractors by Human Resources and Skills Development Canada (HRSDC) are no longer eligible to receive federal 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.

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;
- (d) () has not been declared an ineligible contractor by HRSDC, and has a valid certificate number as follows: _____.

Further information on the FCP is available on the HRSDC Web site (<http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml>).

2.2.2 Former Public Servant - Competitive Requirements

Contracts with former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with

Treasury Board policies and directives on contracts with FPS, bidders must provide the information required below.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the Financial Administration Act, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- (a) an individual;
- (b) an individual who has incorporated;
- (c) a partnership made of former public servants; or
- (d) a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner.

"pension" means, a pension or annual allowance paid under the Public Service Superannuation Act (PSSA), R.S., 1985, c.P-36, and any increases paid pursuant to the Supplementary Retirement Benefits Act, R.S., 1985, c.S-24 as it affects the PSSA. It does not include pensions payable pursuant to the Canadian Forces Superannuation Act, R.S., 1985, c.C-17, the Defence Services Pension Continuation Act, 1970, c.D-3, the Royal Canadian Mounted Police Pension Continuation Act, 1970, c.R-10, and the Royal Canadian Mounted Police Superannuation Act, R.S., 1985, c.R-11, the Members of Parliament Retiring Allowances Act, R.S., 1985, c.M-5, and that portion of pension payable to the Canada Pension Plan Act, R.S., 1985, c.C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension?

YES () NO ()

If so, the Bidder must provide the following information, for all FPS in receipt of a pension, as applicable:

- (a) name of former public servant;
- (b) date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Reduction Program

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of a work force reduction program?

YES () NO ()

If so, the Bidder must provide the following information:

- (a) name of former public servant;
- (b) conditions of the lump sum payment incentive;
- (c) date of termination of employment;
- (d) amount of lump sum payment;
- (e) rate of pay on which lump sum payment is based;
- (f) period of lump sum payment including start date, end date and number of weeks;
- (g) number and amount (professional fees) of other contracts subject to the restrictions of a work force reduction program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including the Goods and Services Tax or Harmonized Sales Tax.

Certification

By submitting a bid, the Bidder certifies that the information submitted by the Bidder in response to the above requirements is accurate and complete.

2.3 Canadian Content Certification

This procurement is limited to Canadian services.

The Bidder certifies that:

- () the service(s) offered is(are) a Canadian service as defined in paragraph 2 of clause A3050T.

2.3.1 SACC Manual clause A3050T (2010-01-11), Canadian Content Definition

2.4 Status and Availability of Resources

The Bidder certifies that, should it be awarded a contract as a result of the bid solicitation, every individual proposed in its bid will be available to perform the Work as required by Canada's representatives and at the time specified in the bid solicitation or agreed to with Canada's representatives. If for reasons beyond its control, the Bidder is unable to provide the services of an individual named in its bid, the Bidder may propose a substitute with similar qualifications and experience. The Bidder must advise the Contracting Authority of the reason for the substitution and provide the name, qualifications and experience of the proposed replacement. For the purposes of this clause, only the following reasons will be considered as beyond the control of the Bidder: death, sickness, maternity and parental leave, retirement, resignation, dismissal for cause or termination of an agreement for default.

If the Bidder has proposed any individual who is not an employee of the Bidder, the Bidder certifies that it has the permission from that individual to propose his/her services in relation to the Work to be performed and to submit his/her résumé to Canada. The Bidder must, upon request from the Contracting Authority, provide a written confirmation, signed by the individual, of the permission given to the Bidder and of his/her availability. Failure to comply with the request may result in the bid being declared non-responsive.

2.5 Education and Experience

The Bidder certifies that all the information provided in the résumés and supporting material submitted with its bid, particularly the information pertaining to education, achievements, experience and work history, has been verified by the Bidder to be true and accurate. Furthermore, the Bidder warrants that every individual proposed by the Bidder for the requirement is capable of performing the Work described in the resulting contract.

2.6 Language Capability

The Bidder certifies that it has the language capability required to perform the Work, as stipulated in the Statement of Work.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

1. Security Requirement

1. Before award of a contract, the following conditions must be met:

- (a) the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;
- (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirement as indicated in Part 7 - Resulting Contract Clauses;
- (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.

2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.

3. For additional information on security requirements, bidders should consult the "Security Requirements for PWGSC Bid Solicitations - Instructions for Bidders" (<http://www.tpsgc-pwgsc.gc.ca/app-acq/lc-pl/lc-pl-eng.html#a31>) document on the Departmental Standard Procurement Documents Web site.

2. Financial Capability

SACC Manual clause A9033T (2011-05-16), Financial Capability

3. Controlled Goods Requirement

SACC Manual clause A9130T (2011-05-16), Controlled Goods Program

PART 7 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

1. Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex ____ and the Contractor's technical bid entitled _____, dated _____.

2. Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

2.1 General Conditions

2040 (2012-11-19), General Conditions - Research & Development, apply to and form part of the Contract.

3. Security Requirement

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Facility Security Clearance at the level of **NATO SECRET**, with approved Document Safeguarding at the level of **NATO SECRET**, issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to **PROTECTED/CLASSIFIED** information, assets or sensitive work site(s) must EACH hold a valid personnel security screening at the level of **NATO SECRET**, granted or approved by CISD/PWGSC.

This contract includes access to controlled goods. Prior to access, the contractor must be registered in the Controlled Goods Program of Public Works and Government Services Canada.

In order to gain access to Controlled Goods, the contractor personnel, who DND would deem to be embedded contractors, pursuant to the 2007 Exchange of Letters between DND and the U.S. Department of State, **must EACH be citizens of Canada** and hold a valid **NATO SECRET** clearance, granted or approved by CISD/PWGSC.

The Contractor/Offeror personnel requiring access to **NATO** information, assets or sensitive work site(s) **must be permanent residents of Canada or citizens of a NATO member country** and EACH hold a valid personnel security screening at the level of **NATO SECRET**, granted or approved by the appropriate delegated NATO Security Authority.

The Contractor/Offeror personnel requiring access to **NATO UNCLASSIFIED** information or assets do not require to hold a personnel security clearance; however, the Contractor must

ensure that the NATO Unclassified information is not releasable to third parties and that the "need to know" principle is applied to personnel accessing this information

3. The Contractor **MUST NOT** utilize its Information Technology systems to electronically process, produce or store any sensitive **PROTECTED/CLASSIFIED** information until CISD/PWGSC has issued written approval. After approval has been granted, these tasks may be performed at the level of **NATO SECRET**.
4. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.
5. The Contractor/Offeror must comply with the provisions of the:
 - (a) Security Requirements Check List and security guide (if applicable), attached at Annex B;
 - (b) *Industrial Security Manual* (Latest Edition).

NOTE: There are multiple levels of release restrictions associated with this file. In this instance, a Security Guide should be added to the SRCL clarifying these restrictions. The Security Guide is normally generated by the organization's project authority and/or security authority.

4. Term of Contract

4.1 Period of Contract

The period of the Contract is from date of Contract to a period of **12 months**.

5. Authorities

5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Aline Brisebois
 Title: Supply specialist
 Public Works and Government Services Canada
 Acquisitions and Compensation Directorate
 601-1550 D'Estimauville Avenue
 Quebec, Quebec
 G1J 0C7

Telephone: 418-649-2883
 Facsimile: 418-648-2209
 E-mail address: Aline.Brisebois@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 Technical Authority

The Technical Authority for the Contract is: **(Will be identified in contract)**

Name : _____

Title : _____

Organization : _____

Address : _____

Telephone: _____

Facsimile: _____

E-mail address: _____

The Technical Authority 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.

5.3 Contractor's Representative (Will be completed at the time of the contract)

Administrative representative :

Name :

Telephone :

Facsimile :

Email :

Technical representative :

Name :

Telephone :

Facsimile :

Email :

6. Payment

6.1 Basis of Payment

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price, as specified in contract for a cost of \$ _____ **(insert the amount at contract award)**. Customs duties are included and Goods and Services Tax or Harmonized Sales Tax is extra, if applicable.

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 Financial Limitation

6.2.1 Limitation of Price

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.

6.3 Method of Payment

6.3.1 Milestone Payments

Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract if:

- (a) **an accurate and complete claim for payment using form PWGSC-TPSGC 1111 (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/1111.pdf>)** and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (b) all the certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives;
- (c) all work associated with the milestone and as applicable any deliverable required has been completed and accepted by Canada.

6.3.2 Schedule of Milestones

The schedule of milestones for which payments will be made in accordance with the Contract is as follows:

To be completed by the proposal

Milestone No.	Description OR Deliverable	Firm Amount	Due Date OR Delivery Date

6.4 SACC Manual Clauses

H1008C (2008-05-12), Monthly Payment
C0305C (2008-05-12), Cost Submission

6.5 Discretionary Audit

C0705C (2010-01-11), Discretionary Audit

7. Invoicing Instructions - Progress Claim

1. The Contractor must submit a claim for progress payment using form PWGSC-TPSGC 1111 (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/1111.pdf>).

Each claim must show:

- (a) all information required on form PWGSC-TPSGC 1111;
 - (b) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
 - (c) the description and value of the milestone claimed as detailed in the Contract.
2. Goods and Services Tax (GST) or Harmonized Sales Tax (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 claims for progress payments.
 3. The Contractor shall prepare and certify an original and two (2) copies of the application on form PWGSC-TPSGC 1111, and sent to the following address for certification:

ATTN : Mrs Suzanne Larrivée

Supply Support Clerk

Public Works and Government Services Canada

601-1550 Avenue D'Estimauville, local 601

Québec, Québec

G1J 0C7

E-mail address : suzanne.larrivee@tpsgc-pwgsc.gc.ca

4. The Contractor must not submit claims until all work identified in this claim is completed.

8. Certifications

8.1 Compliance

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

8.2 SACC Manual Clauses

A3060C (2008-05-12), Canadian Content Certification

9. Applicable Laws

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

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) the general conditions 2040 (2012-11-19), General Conditions - Research & Development, apply to and form part of the Contract.
- (c) Annex A, Statement of Work;
- (d) Annex B,;Security Requirements Check List
- (e) Annex C, Contract Disclosure
- (f) the Contractor's bid dated _____

11. Defence Contract

SACC Manual clause A9006C (2008-05-12), Defence Contract

12. Foreign Nationals (Canadian Contractor)

SACC Manual clause A2000C (2006-06-16), Foreign Nationals (Canadian Contractor)

13. Insurance

SACC Manual clause G1005C (2008-05-12), Insurance

14. Controlled Goods Program

14.1 SACC Manual clause A9131C (2011-05-16), Controlled Goods Program

14.2 SACC Manual clause B4060C (2011-05-16), Controlled Goods

15. Progress Reports

1. The Contractor must submit monthly reports, in electronic format, on the progress of the Work, to **both the Technical Authority and the Contracting Authority.**
2. The progress report must contain three parts:
 - (a) PART 1: The Contractor must answer the following three questions:
 - (i) Is the project on schedule?
 - (ii) Is the project within budget?

(iii) Is the project free of any areas of concern in which the assistance or guidance of Canada may be required?

Each negative response must be supported with an explanation.

(b) PART 2: A narrative report, brief, yet sufficiently detailed to enable the Technical Authority to evaluate the progress of the Work, containing as a minimum:

(i) A description of the progress of each task and of the Work as a whole during the period of the report. Sufficient sketches, diagrams, photographs, etc., must be included, if necessary, to describe the progress accomplished.

(ii) An explanation of any variation from the work plan.

(iii) A description of trips or conferences connected with the Contract during the period of the report.

(iv) A description of any major equipment purchased or constructed during the period of the report.

ATTACHMENT 1

MANDATORY AND POINT RATED TECHNICAL CRITERIA

2. MANDATORY CRITERIA

At bid closing time, the Bidder must comply with the following mandatory technical criteria and provide the necessary documentation to support compliance. Any bid which fails to meet the following mandatory technical criteria will be declared non-responsive. Each criterion should be addressed separately.

- 2.1** The Bidder **must** demonstrate company capability in the field of laser-based military systems, control of turret/remote weapon station as well as its expertise in the field of integration, or assembly of a remote-weapon station, or a weapon turret on in service military vehicles.

For evaluation purposes, a "vehicle" represents a wheeled or tracked land platform. A "demonstrated project" implies that the Bidder was, or is the **primary contractor** for the specific tasks of installing, integrating, or incorporating a weapon turret, or remote weapon station onto a vehicle. Eligible weapons include projectile, or missile systems. Projects will be considered as distinct should either the platform or the integrated system be different.

3. Point Rated Technical Criteria

EXPERIENCE IN LASER-BASED MILITARY SYSTEMS	MAX SCORE 80	MIN SCORE 27	EVALUATION CRITERIA
1. Company's technical knowledge in projects involving similar technological complexity (integration of a high energy laser on a remote weapon platform and a military vehicle) that met functional and performance requirements.	15	5	<p>The bidder should clearly indicate the company's technical knowledge level regarding the technology described in the SOW and the specifications, and the application of this expertise to various projects of similar technical complexity and management.</p> <p>(5 pts). The Bidder demonstrates basic technical knowledge regarding the technology described in the SOW. For example, the Bidder delivered one project involving integration of low technological complexity e.g. video sensor with display.</p> <p>(10 pts). The Bidder demonstrates medium technical knowledge regarding the technology described in the SOW. For example, the Bidder has delivered one project involving integration of medium technological complexity e.g. integration of sensor and weapon on remote weapon station including maintenance and repair program.</p> <p>(15 pts). The Bidder demonstrates advanced technical knowledge regarding the technology described in the SOW. For example, the Bidder has delivered one project involving integration of</p>

			high technological complexity e.g. integration of high energy laser system including maintenance, repair, training and upgrade programs.
2. Company's technical expertise regarding laser-based military systems	15	5	<p>Basic (5 pts): Bidder demonstrates experience with low power lasers such as laser pointers/eye safe laser dazzlers.</p> <p>Medium (10 pts): Bidder demonstrates experience with medium power lasers such as range finder, designator or laser beam rider.</p> <p>Advanced (15 pts): Bidder demonstrates experience with high energy lasers.</p>
3. Company's technical expertise in turret/remote weapon station system integration and control	15	5	<p>Basic (5 pts): Bidder is new in the field and demonstrates low level technical expertise in turret/remote weapon station system integration and control e.g. Bidder demonstrates expertise on generic military vehicle.</p> <p>Medium (10 pts): Bidder has been doing turret control work for more than 5 years and demonstrates medium level technical expertise in turret/ remote weapon station system integration and control e.g. Bidder demonstrates expertise on CF in-service vehicle.</p> <p>Advanced (15 pts): Bidder has been doing turret control work since at least 15 years and demonstrates high level technical expertise in turret/ remote weapon station system integration and control e.g. Bidder demonstrates expertise on Cougar-H, the vehicle chosen by the CF for the current application.</p>
4. Number of projects completed within the past 15 years, incorporating a missile weapon system.	15	5	<p>5 points per project.</p> <p>For each project, the Bidder needs to describe the type of work, the type of platform, the type of system, the amount of the contract and the duration of the project.</p> <p>The Bidder will be evaluated on its degree of involvement:</p> <p>Bidder will get 1 point if work described is applicable, then he will be evaluated on its degree of involvement:</p> <p>project management only (2 pt)</p> <p>sub-components integration (3 pts)</p> <p>sub-components development and integration (4 pts)</p>

5. Relevance of production and testing facilities.	15	5	<p>The bidder should describe its development, production and testing facilities, and its production capability, that will allow the bidder to meet the requirements of the SOW.</p> <p>Basic (5 pts). Bidder has secure indoor development and work facilities which can contain up to 5 wheeled or tracked land platforms for installation, integration, and testing of a turret or remote weapon station</p> <p>Medium (10 pts). In addition to the criteria for low rating, the Bidder has facilities for life-cycle testing, conversions, repair and overhaul of wheeled or tracked land platforms and turret or remote weapon station</p> <p>High (15 pts). In addition to the criteria for medium rating, the Bidder has secure outdoor testing facilities, allowing to operate a land platform with a laser system on the move in different environmental conditions for test and evaluation purposes, including during firing of the primary weapon.</p>
6. Capability to take the results to the next level.	5	2	<p>The bidder should describe its capability to take the results to the next level, which involves producing a limited number of systems for CF field deployment. The explanations should indicate how the capability developed and the long-term technical support will be transferred to the systems acquired by the CF.</p> <p>Bidders demonstrates interest in manufacturing systems for the CF (1 pt) Company plant/facility/equipment consistent with expected work (1 pt) Resources are available (1 pt) Excess resources are available for contingency (1 pt) Company's financial capabilities are consistent with expected work (1 pt)</p>

ANNEX A

STATEMENT OF WORK

1. General

1.1 Analysis on the integration of a High Energy Laser on a Canadian military vehicle.

1.2 Objective

The objective of this contract is to perform an engineering study for the integration of a High Energy Laser (HEL) on a Canadian military Vehicle.

1.3 Background

DRDC Valcartier is studying emerging technologies for the protection of military vehicles and their occupants. Specifically, DRDC Valcartier is looking at HEL technology for long standoff neutralization of exposed Improvised Explosive Devices (IED) and remote neutralization of unexploded Ordinances (UXO).

HEL is considered as one of the most promising technology to provide the Canadian Army with an unprecedented performance edge. Over the past years, laser-based defence systems have undergone a key transition from proof-of-concept demonstrations towards field deployable systems. This rapid evolution is due to recent developments in the fibre laser technology which led to an abrupt availability of low cost and robust core laser systems readily available for defence applications.

The goal of this contract is to gain knowledge on the requirements, tradeoffs, and costs related to the integration of a HEL on a vehicle. The vehicle of choice is the Canadian Forces Cougar vehicle also known as the Wolf. The laser beam will be delivered through a beam director mounted on the readily available Remote Weapon Station (RWS).

1.4 Acronymes

3-D	Tri-dimensional
CF	Canadian Forces
CAD	Computer Aided Design
DND	Department of National Defense
HEL	High Energy Laser
HMI	Human Machine Interface
IED	Improvised Explosive Devices
RWS	Remote Weapon Station
UXO	Unexploded Ordinances

2. APPLICABLE DOCUMENTS (references)

N/A

3. SCOPE OF THE WORK

The contractor will perform an in-depth exploratory paper study documenting the integration process. Essentially, the contractor will perform a trade-off analysis demonstrating the impact of every choice on the overall system performance. The analysis will be supported by theory, modelling, and simulation results and/or experimentation.

Theoretical demonstrations as well as modelling and simulation will be done using contractor provided resources, models, and software. However, relevant portion of a 3-D CAD model of the vehicle will be provided by DND. Physical access to the vehicle will be possible and will require coordination with other DND organization.

Experimentation will be done according to contractor's need. To support this activity, DRDC Valcartier has access to a 10kW HEL mobile laboratory. The facility will be available at no cost depending on its availability. For example, the mobile laboratory may be required to perform a duty cycle analysis to refine thermal management requirements. In any case, the test objective will be identified and discussed during meetings with the technical authority, and the contractor will be responsible for test planning, data reduction and analysis. The laser will remain under the responsibility of the DRDC Valcartier personnel, and the contractor will have to plan for travel expenses and hourly rate for individuals involved in the tests.

The contract includes only one (1) task but should be considered as an iterative process between the contractor and the technical authority. Meetings will be called upon need (at least every 3 months) to discuss work status, and prioritize the work on the most important issues considering CF needs and the time available.

4. TASKS

4.1 Perform an integration study. The study must address at a minimum the aspects below:

Laser module

- Determine laser power requirement (considering lasers from 2kW to 10kW).
- Determine the impact of the beam quality (mode).
- Determine the placement as a function of size of the laser and other vehicle equipment.

Cooling system

- Evaluate size and power requirement as a function of the task duration.
- Determine physical placement as a function of size and other vehicle equipment.
- Determine routing of pipes and requirement for connectors.

Electrical power generation

- Evaluate size and power requirement as a function of the task duration.
- Determine physical placement as a function of size and other vehicle equipment.
- Determine routing of the wires and requirement for connectors.

Optical fiber

- Determine routing of the fiber considering length available and RWS.
- Determine beam director coupling mechanism.
- Determine fiber end protection and maintenance procedure.

Beam director

- Evaluate various manufacturing materials (optics and casing), coatings and layouts (reflective vs refractive), f numbers and laser power levels.
- Determine the effect of dust, rain, and temperature on the performance.
- Determine spot size versus range and power on the target. A typical operational range of 200m is considered.
- Evaluate requirements for cooling of the optics and define means to rout coolant through RWS.

Remote Weapon Station

- Determine physical and electrical integration.
- Determine stabilization or vibration damping requirements as a function of the target range and type (engine operation, vehicle movement, firing of the weapon). Evaluate cost and design trades as a function of stabilization performance levels.
- Define laser pointer wavelength, shape, and power requirement.
- Define the type of camera required for target acquisition and effect assessment (Assess waveband and filtering requirement).
- Determine sensitivity to alignment and boresighting (crosshair).
- Determine hardware and software modification requirements on standard RWS Human Machine Interface (HMI).
- Evaluate networking capability.

Concept of operation

- Determine a procedure of operation (operators goggles, filtered window, etc.) including considerations for on-the-move, adverse weather, and night operation.
- Evaluate laser safety issues including system interlocks and covers.
- Evaluate safety hazards to operating and maintenance personnel.
- Evaluate safety hazards to bystanders.
- Define an appropriate HMI including a list of functions available to the operators, the type of information displayed, fire inhibit zones, etc.
- Evaluate blast/ballistic protection requirement (armour/transparent armour).
- Assess all aspects of system maintenance (optics, cooling, power, etc.).
- Define field facilities required for system maintenance.

Vehicle

- Determine the impact of other vehicle equipment on HEL integration/performance (interference from the electronic protection suite, EMC/EMI and Generators).
- Determine the impact of HEL on other vehicle equipment (cameras, sensors, etc.).
- Determine the impact of HEL on vehicle integrity (holes for wires, etc.).
- Determine the impact of HEL on vehicle mobility.
- Determine the impact of HEL on vehicle signature (generator, cooler, etc.).
- Determine the impact of mechanical shocks (weapon firing) on system performance.
- Determine if additional add-on armour is required to protect fragile components (for example: cables, pipes, etc.).

5. REPORTS AND OTHER DELIVERABLES

The contractor must provide three (3) interim reports and one (1) final report.

- The interim reports will be in the format of a PowerPoint presentation (electronic copy .ppt) to be discussed during meetings with the technical authority. All interim reports must be written in English.
- The final report will be presented in MS Word format (electronic copy .doc) under DRDC publication standards. A template will be provided by the technical authority. The final report must be written in English.

All reports must include a management portion as well as a technical portion.

The management portion must cover at a minimum the work achieved, the problems encountered, and the work remaining. The information will be presented in such a way that it will be possible to prioritize future work.

The technical portion will summarize the results obtained during the study.

The reports will be considered as milestones for the contract, and for the basis for payment. Payments of 25% will be done upon acceptance of the interim reports, and the final payment will be done upon acceptance of the final report.

4.3 Publications

Any manuscript for publication in magazines, newspapers or other, including presentation summaries or other types of publication, must be submitted to the Technical Authority for revision and approval at least ninety (90) days before the date of the presentation or publication. An explicit reference regarding federal government funding must be included, and it must be clearly mentioned that the content is the authors' responsibility. The Technical Authority will provide a written objection if there are specific elements (e.g. audience) that are not in the federal government's best interests. If the Technical Authority objects in writing, he/she shall send the written objection to the organization responsible for publication (the newspaper or conference).

6. MEETINGS

A kick-off meeting will be held at DRDC Valcartier just after contract award. During this meeting, a presentation of the Cougar vehicle including its equipment will be given by the technical authority. The presentation will also include a description of the RWS to consider for integration. The technical authority will organize the kick-off meeting and draft the agenda. The contractor will be responsible for the minutes.

During the contract execution, meetings will be held upon need (at least every three (3) months). The contractor will be responsible for calling these meetings and the decision with regards the location of the meetings will be taken after consultation with the technical authority. The meetings may be held at DRDC Valcartier, at the Contractor's location or by Videoconference. The contractor will be responsible to for the agenda and the minutes.

7. SPECIAL CONSIDERATIONS

The contractor will have physical access to the vehicle. However, this will require coordination with other DND organization, and will have to be planned in advance (2 weeks to a month). This may also require travelling to Montreal, Ottawa or DRDC Valcartier.

The contractor will have access to the HEL mobile laboratory facility. This will require coordination with other DND organizations, and will have to be discussed thoroughly during a meeting.

8. WORK LOCATION

The work can be done at the contractor's location, or at DRDC Valcartier, 2459 boul. Pie-XI North, Quebec, Q

Solicitation No. - N° de l'invitation

W7701-135591/A

Amd. No. - N° de la modif.

Buyer ID - Id de l'acheteur

qc1002

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

W7701-13-5591

File No. - N° du dossier

QCL-2-35514

CCC No./N° CCC - FMS No/ N° VME

ANNEX B
SECURITY REQUIREMENTS
SRCL must be inserted.

ANNEX "C"**CONTRACTOR DISCLOSURE OF FOREGROUND INFORMATION**

Please see reference applicable in your contract to look into **Article 1 - Interpretation of 2040 General Conditions** to obtain the complete definition of the term Foreground Information and thus to help you to determine the information which must be revealed. <http://sacc.pwgsc.gc.ca/sacc/query-e.jsp>.

The Contractor shall respond to the following questions:

1. Contract No.:
2. What is the descriptive title of the FIP (Foreground Intellectual Property)?
3. Abbreviated description of the FIP and, if applicable, of the different systems and sub-systems.
4. What is or was the objective of the project?
5. Explain how the FIP meets the objective of the project (for example: the advantage of the new solution, what problem did the FIP resolve or what benefits did the FIP deliver).
6. Under which category (ies) would you best describe the FIP and why: Patents, Inventions, Trade Secrets, Copyright, Industrial Designs, Rights in Integrated Circuit Topography, Know-how, Other?
7. Describe the features or aspects of the FIP that are novel, useful and not obvious.
8. Has the FIP been tested or demonstrated? If yes, please summarise the results.
9. Has any publication or disclosure to others been made? If so, to whom, when, where and how?
10. Provide names and addresses of the inventors.
11. Provide an explicit and detailed description of the FIP developed during the contract (Refer to pertinent section of the technical report, if necessary).

Please specify name and position of person approving / authorizing this disclosure. This person is to sign and date the disclosure.

Signature

Date

Name

Title

(Internal DRDC Valcartier)

Signature

Date

Name

Title (Technical authority)



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat

W7701-135591

Security Classification / Classification de sécurité

Unclassified

SECURITY REQUIREMENTS CHECK LIST (SRCL)

LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine		2. Branch or Directorate / Direction générale ou Direction DRDC Valcartier	
3. a) Subcontract Number / Numéro du contrat de sous-traitance		3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant	
4. Brief Description of Work / Brève description du travail Étude pour l'intégration d'un laser à haute énergie sur un véhicule militaire Canadien.			
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. Indicate the type of access required / Indiquer le type d'accès requis			
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)		<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé.		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?		<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès			
Canada <input checked="" type="checkbox"/>		NATO / OTAN <input checked="" type="checkbox"/>	
Foreign / Étranger <input type="checkbox"/>			
7. b) Release restrictions / Restrictions relatives à la diffusion			
No release restrictions Aucune restriction relative à la diffusion <input checked="" type="checkbox"/>		All NATO countries Tous les pays de l'OTAN <input checked="" type="checkbox"/>	
Not releasable À ne pas diffuser <input checked="" type="checkbox"/>			
Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>		Restricted to: / Limité à: Specify country(ies): / Préciser le(s) pays: <input type="checkbox"/>	
Embedded contractors - Canadian Citizen			
7. c) Level of information / Niveau d'information			
PROTECTED A <input type="checkbox"/>		NATO UNCLASSIFIED <input checked="" type="checkbox"/>	
PROTÉGÉ A <input type="checkbox"/>		NATO NON CLASSIFIÉ <input checked="" type="checkbox"/>	
PROTECTED B <input checked="" type="checkbox"/>		NATO RESTRICTED <input type="checkbox"/>	
PROTÉGÉ B <input checked="" type="checkbox"/>		NATO DIFFUSION RESTREINTE <input type="checkbox"/>	
PROTECTED C <input type="checkbox"/>		NATO CONFIDENTIAL <input checked="" type="checkbox"/>	
PROTÉGÉ C <input type="checkbox"/>		NATO CONFIDENTIEL <input checked="" type="checkbox"/>	
CONFIDENTIAL <input checked="" type="checkbox"/>		NATO SECRET <input checked="" type="checkbox"/>	
CONFIDENTIEL <input checked="" type="checkbox"/>		NATO SECRET <input checked="" type="checkbox"/>	
SECRET <input checked="" type="checkbox"/>		COSMIC TOP SECRET <input type="checkbox"/>	
SECRET <input checked="" type="checkbox"/>		COSMIC TRÈS SECRET <input type="checkbox"/>	
TOP SECRET <input type="checkbox"/>			
TRÈS SECRET <input type="checkbox"/>			
TOP SECRET (SIGINT) <input type="checkbox"/>			
TRÈS SECRET (SIGINT) <input type="checkbox"/>			
		PROTECTED A <input type="checkbox"/>	
		PROTÉGÉ A <input type="checkbox"/>	
		PROTECTED B <input type="checkbox"/>	
		PROTÉGÉ B <input type="checkbox"/>	
		PROTECTED C <input type="checkbox"/>	
		PROTÉGÉ C <input type="checkbox"/>	
		CONFIDENTIAL <input type="checkbox"/>	
		CONFIDENTIEL <input type="checkbox"/>	
		SECRET <input type="checkbox"/>	
		SECRET <input type="checkbox"/>	
		TOP SECRET <input type="checkbox"/>	
		TRÈS SECRET <input type="checkbox"/>	
		TOP SECRET (SIGINT) <input type="checkbox"/>	
		TRÈS SECRET (SIGINT) <input type="checkbox"/>	

TBS/SCT 350-103(2004/12)

Security Classification / Classification de sécurité
Unclassified

Canada



GOVERNMENT
of Canada

GOVERNEMENT
du Canada

W7701-135591

Security Classification / Classification de sécurité
Unclassified

PART A (continued) / PARTIE A (suite)

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?

Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?

☒ No ☐ Yes
Non Oui

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?

Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?

☒ No ☐ Yes
Non Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

PART B - PERSONNEL (SUPPLIER) / PARTIE B - PERSONNEL (FOURNISSEUR)

10. a) Personnel security screening level required / Niveau de contrôle de la sécurité du personnel requis

- | | | | |
|--|---|--|--|
| <input type="checkbox"/> RELIABILITY STATUS
COTE DE FIABILITÉ | <input type="checkbox"/> CONFIDENTIAL
CONFIDENTIEL | <input checked="" type="checkbox"/> SECRET
SECRET | <input type="checkbox"/> TOP SECRET
TRÈS SECRET |
| <input type="checkbox"/> TOP SECRET - SIGINT
TRÈS SECRET - SIGINT | <input type="checkbox"/> NATO CONFIDENTIAL
NATO CONFIDENTIEL | <input checked="" type="checkbox"/> NATO SECRET
NATO SECRET | <input type="checkbox"/> COSMIC TOP SECRET
COSMIC TRÈS SECRET |
| <input type="checkbox"/> SITE ACCESS
ACCÈS AUX EMPLACEMENTS | | | |

Special comments:

Commentaires spéciaux :

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?

Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail?

☐ No ☒ Yes
Non Oui

If Yes, will unscreened personnel be escorted?

Dans l'affirmative, le personnel en question sera-t-il escorté?

☒ No ☐ Yes
Non Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises?

Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS?

☐ No ☒ Yes
Non Oui

11. b) Will the supplier be required to safeguard COMSEC information or assets?

Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC?

☒ No ☐ Yes
Non Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises?

Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ?

☒ No ☐ Yes
Non Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF À LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data?

Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS?

☐ No ☒ Yes
Non Oui

11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency?

Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale?

☒ No ☐ Yes
Non Oui



PART C - (continued) / PARTIE C - (suite)

For users completing the form manually use the summary chart below to indicate the category(ies) and level(s) of safeguarding required at the supplier's site(s) or premises.

Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

For users completing the form online (via the Internet), the summary chart is automatically populated by your responses to previous questions.
Dans le cas des utilisateurs qui remplissent le formulaire en ligne (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET TRÈS SECRET
											A	B	C			
Information / Assets Renseignements / Biens	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Media / Support TI	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT Link / Lien électronique	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée
« Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?

☒ No
Non

☐ Yes
Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification" and indicate with attachments (e.g. SECRET with Attachments).
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée
« Classification de sécurité » au haut et au bas du formulaire et indiquez qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat
W7701-135591

Security Classification / Classification de sécurité
Unclassified

PART D - AUTHORIZATION / PARTIE D - AUTORISATION

13. Organization Project Authority / Chargé de projet de l'organisme

Name (print) - Nom (en lettres moulées) JEAN FORTIN	Title - Titre DS	Signature <i>Jean Fortin</i>
Telephone No. - N° de téléphone 418 844-4000 x4377	Facsimile No. - N° de télécopieur 418 844-4511	E-mail address - Adresse courriel Jean.Fortin@drdc-rldc.gc.ca
		Date 20/09/12

14. Organization Security Authority / Responsable de la sécurité de l'organisme

Name (print) - Nom (en lettres moulées) Dawn Murray - CF MP GP HQ - Industrial Security	Title - Titre SRCL Team Lead	Signature <i>Dawn Murray</i>
Telephone No. - N° de téléphone 613 943-4000	Facsimile No. - N° de télécopieur 613 943-4000	E-mail address - Adresse courriel E-mail: dawn.murray@forces.gc.ca
		Date 23 Nov 2012

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes? ☐ No / Non ☒ Yes / Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel
		Date

17. Contracting Security Authority / Autorité contractante en matière de sécurité

Name (print) - Nom (en lettres moulées) Anna Kulyoka	Title - Titre Contract Security Officer	Signature <i>Anna Kulyoka</i>
Telephone No. - N° de téléphone 613 597 1258	Facsimile No. - N° de télécopieur 613 954 4171	E-mail address - Adresse courriel anna.kulyoka@pwgsc.gc.ca
		Date Dec 3, 2012