



**RETURN BIDS TO:**

**RETOURNER LES SOUMISSIONS À:**

Réception des soumissions - TPSGC / Bid Receiving  
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Voir dans le document/  
See herein

NA

Québec

NA

**REQUEST FOR PROPOSAL  
DEMANDE DE PROPOSITION**

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

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

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

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

**Comments - Commentaires**

<b>Title - Sujet</b> Integrated Combat Helmet Development Development of a new generation integrated combat helmet system	
<b>Solicitation No. - N° de l'invitation</b> W6399-21LD67/B	<b>Date</b> 2022-02-04
<b>Client Reference No. - N° de référence du client</b> W6399-21LD67	
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$QCL-052-18286	
<b>File No. - N° de dossier</b> QCL-0-43142 (052)	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2022-03-08</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Proulx, Jean-Renaud	<b>Buyer Id - Id de l'acheteur</b> qcl052
<b>Telephone No. - N° de téléphone</b> (418) 905-0629 ( )	<b>FAX No. - N° de FAX</b> (418) 566-6168
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b> MINISTERE DE LA DEFENSE NATIONALE 101 COLONEL BY DRIVE Ontario Canada	

**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**

TPSGC/PWGSC  
601-1550, Avenue d'Estimauville  
Québec  
Québec  
G1J 0C7

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

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## TABLE OF CONTENTS

<b>PART 1 - GENERAL INFORMATION .....</b>	<b>3</b>
1.1 INTRODUCTION.....	3
1.2 SUMMARY .....	3
1.3 DEBRIEFINGS .....	5
<b>PART 2 - BIDDER INSTRUCTIONS .....</b>	<b>6</b>
2.1 STANDARD INSTRUCTIONS, CLAUSES AND CONDITIONS.....	6
2.2 SUBMISSION OF BIDS.....	6
2.3 FORMER PUBLIC SERVANT.....	7
2.4 ENQUIRIES - BID SOLICITATION.....	8
2.5 APPLICABLE LAWS.....	8
2.6 IMPROVEMENT OF REQUIREMENT DURING SOLICITATION PERIOD .....	9
2.7 BID CHALLENGE AND RECOURSE MECHANISMS.....	9
<b>PART 3 - BID PREPARATION INSTRUCTIONS.....</b>	<b>10</b>
3.1 BID PREPARATION INSTRUCTIONS .....	10
<b>PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION .....</b>	<b>13</b>
4.1 EVALUATION PROCEDURES.....	13
4.2 BASIS OF SELECTION.....	13
<b>PART 5 - CERTIFICATIONS AND ADDITIONAL INFORMATION .....</b>	<b>15</b>
5.1 CERTIFICATIONS REQUIRED WITH THE BID .....	15
5.2 CERTIFICATIONS PRECEDENT TO CONTRACT AWARD AND ADDITIONAL INFORMATION .....	15
<b>PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS.....</b>	<b>17</b>
6.1 SECURITY REQUIREMENTS .....	17
6.2 FINANCIAL CAPABILITY .....	17
6.3 CONTROLLED GOODS REQUIREMENT.....	17
<b>PART 7 - RESULTING CONTRACT CLAUSES .....</b>	<b>18</b>
7.1 STATEMENT OF WORK.....	18
7.2 STANDARD CLAUSES AND CONDITIONS.....	20
7.3 SECURITY REQUIREMENTS .....	23
7.4 TERM OF CONTRACT .....	25
7.5 AUTHORITIES .....	25
7.6 PROACTIVE DISCLOSURE OF CONTRACTS WITH FORMER PUBLIC SERVANTS .....	26
7.7 PAYMENT .....	26
7.8 INVOICING INSTRUCTIONS .....	30
7.9 CERTIFICATIONS AND ADDITIONAL INFORMATION.....	31
7.10 APPLICABLE LAWS.....	31
7.11 PRIORITY OF DOCUMENTS .....	31
7.12 DEFENCE CONTRACT .....	32
7.13 FOREIGN NATIONALS ( <i>TO BE DETERMINED AT AWARD</i> ).....	32
7.14 INSURANCE .....	32
7.15 CONTROLLED GOODS PROGRAM.....	32
7.16 PROGRESS REPORTS.....	32

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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7.17	NON-DISCLOSURE AGREEMENT .....	33
7.18	CANADIAN FORCES SITE REGULATIONS.....	33
7.19	IDENTIFICATION BADGE .....	33
<b>ANNEX A - STATEMENT OF WORK .....</b>		<b>34</b>
<b>ANNEX B – BASIS OF PAYMENT.....</b>		<b>40</b>
<b>ANNEX C - CONTRACTOR DISCLOSURE OF FOREGROUND INFORMATION.....</b>		<b>44</b>
<b>ANNEX D – SECURITY REQUIREMENTS CHECK LIST .....</b>		<b>45</b>
<b>ANNEX E – DND 626 TASK AUTHORIZATION FORM.....</b>		<b>49</b>
<b>ANNEX F - NON-DISCLOSURE AGREEMENT .....</b>		<b>52</b>
<b>ANNEX G - COVID-19 VACCINATION REQUIREMENT CERTIFICATION .....</b>		<b>53</b>
<b>ATTACHMENT 1 - FINANCIAL BID PRESENTATION SHEET .....</b>		<b>55</b>
<b>ATTACHMENT 2 - EVALUATION OF PRICE.....</b>		<b>55</b>
<b>ATTACHMENT 3 - MANDATORY AND POINT RATED TECHNICAL CRITERIA.....</b>		<b>62</b>
<b>ATTACHMENT 4 - FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION.....</b>		<b>74</b>
<b>ATTACHMENT 5 - ELECTRONIC PAYMENT INSTRUMENTS.....</b>		<b>75</b>

## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

The bid solicitation 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 and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Other 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:

- Annex A: Statement of Work
- Annex B: Basis of Payment
- Annex C: Contractor Disclosure of Foreground Information
- Annex D: Security Requirements Check List
- Annex E: DND 626, Task Authorization Form
- Annex F: Non-Disclosure Agreement
- Annex G : COVID-19 Vaccination Requirement Certification

The Attachments include:

- Attachment 1: Financial Bid Presentation Sheet
- Attachment 2: Evaluation of Price
- Attachment 3: Mandatory and Point Rated Technical Criteria
- Attachment 4: Federal Contractors Program for employment equity - certification
- Attachment 5: Electronic Payment Instruments

### **1.2 Summary**

#### **1.2.1 Title: INTEGRATED COMBAT HELMET DEVELOPMENT**

#### **1.2.2 Description of the Work**

The purpose of this statement of work is to define the scope and requirements that apply to the provision of a task-based contract for engineering and manufacturing services in support of Research and Development (R&D) of an integrated combat helmet system for the Department of National Defence (DND).

The work will consist of 3 parts:

1. In Part 1 of this contract, the work will consist of providing engineering design, test and evaluation and prototype helmet production services in support of helmet Research and Development activities, to include VAS electronic and software design and integration work

The intent of this part is to conduct iterative prototyping to conceive, design, build and test prototype Integrated combat helmet systems in small batch quantities to arrive at two (2) separate acceptable designs that could potentially be procured in Part 2 and Part 3.

2. Part 2 is optional. Should the option be exercised the work will consist in the manufacture of up to 2500 helmet systems to the 1<sup>st</sup> specific performance standard developed in part 1 on the contract.
3. Part 3 is optional. Should the option be exercised the work will consist in the manufacture of up to 2500 helmet systems to the 2<sup>nd</sup> specific performance standard developed in part 1 on the contract

### 1.2.3 Client Department

The organization for which the services are to be rendered is: The Department of National Defence

### 1.2.4 Period of the Contract

The contract is for five (5) years from contract award date plus five (5) one year optional periods.

### 1.2.5 Important information

- i. There are security requirements associated with this requirement. For additional information, consult Part 6 - Security, Financial and Other Requirements, and Part 7 - Resulting Contract Clauses. For more information on personnel and organization security screening or security clauses, Bidders should refer to the [Contract Security Program](#) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website".
- ii. The requirement is subject to the provisions of the Canadian Free Trade Agreement (CFTA).
- iii. The entire resulting contract will be a Task Authorizations Contract.

A contract with Task Authorizations (TAs) is a method of supply for services under which all of the work or a portion of the work will be performed on an "as and when requested basis". Under contracts with TAs, the work to be carried out can be defined but the exact nature and timeframes of the required services, activities and deliverables will only be known as and when the service(s) will be required during the period of the contract. A TA is a structured administrative tool enabling the Crown to authorize work by a contractor on an "as and when requested" basis in accordance with the conditions of the contract. TAs are not individual contracts.

- iv. Limitation of Expenditure: Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of \$4,100,000.00 Customs duties are included and Applicable Taxes are extra.

Limitation of Expenditure might be increased if the options are exercised.

- v. Minimum Work Guarantee means 25% of Limitation of Expenditure for the firm portion of the contract
- vi. This procurement is subject to the Controlled Goods Program. The [Defence production Act](#) defines Canadian Controlled Goods as certain goods listed in Canada's Export Control List, a regulation made pursuant to the Export and Import Permits Act (EIPA).

- vii. The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity - Certification.
- viii. Canada has determined that any intellectual property rights arising from the performance of the Work under the resulting contract will belong to the contractor.
- ix. This bid solicitation allows bidders to use the epost Connect service provided by Canada Post Corporation to transmit their bid electronically. Bidders must refer to Part 2 entitled Bidder Instructions, and Part 3 entitled Bid Preparation Instructions, of the bid solicitation, for further information.
- x. This requirement is subject to the COVID-19 Vaccination Policy for Supplier Personnel. Failure to complete and provide the COVID-19 Vaccination Requirement Certification as part of the bid will render the bid non-responsive.

### **1.3 Debriefings**

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 from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

## PART 2 - BIDDER INSTRUCTIONS

### 2.1 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) (<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](#) (2020-05-28) 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: 60 days  
Insert: 180 days

#### 2.1.1 SACC Manual Clauses

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

### 2.2 Submission of Bids

Bids must be submitted only to the Quebec Region Bid Receiving Unit of Public Works and Government Services Canada (PWGSC) no later than the date and time indicated on page 1 of the bid solicitation.

#### 2.2.1 ePost connect

Bidders choosing to submit using epost Connect must send an email requesting to open an epost Connect conversation to the following address:

[TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca](mailto:TPSGC.RQReceptionSoumissions-QRSupplyTendersReception.PWGSC@tpsgc-pwgsc.gc.ca)

Note: **Bids will not be accepted if emailed directly to this email address.** This email address is to be used to open an epost Connect conversation, as detailed in Standard Instructions [2003](https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/active) (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual/1/2003/active>), or to send bids through an epost Connect message if the bidder is using its own licensing agreement for epost Connect.

It is the Bidder's responsibility to ensure the request for opening an epost Connect conversation is sent to the email address above at least six days before the solicitation closing date.

[Steps to follow for the Bid Submission to Bid Receiving Unit \(BRU\) using epost Connect](https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect) (<https://buyandsell.gc.ca/steps-to-follow-for-the-bid-submission-to-bid-receiving-unit-bru-using-epost-connect> )

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### 2.2.2 Facsimile

Facsimile number: 418-566-6168.

2.2.3 Paper submissions to PWGSC will not be accepted.

### 2.3 Former Public Servant

Contracts awarded to 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 awarded to FPSs, bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required 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 with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

#### 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 FPSs 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.

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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 Adjustment Directive**

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **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 adjustment 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 Applicable Taxes.

### **2.4 Enquiries - Bid Solicitation**

All enquiries must be submitted in writing to the Contracting Authority, preferably via e-mail at [Jean-Renaud.Proulx@tpsgc-pwgsc.gc.ca](mailto:Jean-Renaud.Proulx@tpsgc-pwgsc.gc.ca) **no later than 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 question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

### **2.5 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.

## 2.6 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work 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

## 2.7 Bid Challenge and Recourse Mechanisms

- (a) Several mechanisms are available to potential suppliers to challenge aspects of the procurement process up to and including contract award.
- (b) Canada encourages suppliers to first bring their concerns to the attention of the Contracting Authority. Canada's [Buy and Sell](#) website, under the heading "[Bid Challenge and Recourse Mechanisms](#)" contains information on potential complaint bodies such as:
  - Office of the Procurement Ombudsman (OPO)
  - Canadian International Trade Tribunal (CITT)
- (c) Suppliers should note that there are **strict deadlines** for filing complaints, and the time periods vary depending on the complaint body in question. Suppliers should therefore act quickly when they want to challenge any aspect of the procurement process.

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

### **3.1 Bid Preparation Instructions**

- a) If the Bidder chooses to submit its bid electronically, Canada requests that the Bidder submits its bid in accordance with section 08 of the 2003 standard instructions. The epost Connect system has a limit of 1GB per single message posted and a limit of 20GB per conversation.

The bid must be gathered per section and separated as follows:

Section I: Technical Bid  
Section II: Financial Bid  
Section III: Certifications  
Section IV: Additional Information

- b) If the Bidder is simultaneously providing copies of its bid using multiple acceptable delivery methods, and if there is a discrepancy between the wording of any of these copies and the electronic copy provided through epost Connect service, the wording of the electronic copy provided through epost Connect service will have priority over the wording of the other copies.
- c) Due to the nature of the bid solicitation, bids transmitted by hardcopy will not be accepted.
- d) Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

#### **3.1.1 Section I: Technical Bid**

- a) 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 address clearly 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.

- b) The technical bid consists of the following:
- (i) All the information required to demonstrate its conformity with the Mandatory and Point Rated Technical Criteria described in Attachment 3
  - (ii) Each criteria should be addressed separately
  - (iii) To insure adequate evaluation of each technical criteria (mandatory and point rated), Bidders must clearly indicate the names of every proposed resource. Bidders must propose one resource for each category indicated in Attachment 3
  - (iv) The technical bid must demonstrate how each proposed resource meets the requirements listed in Attachment 3

- a. Proposed resources may be employees of the Contractor or employees of a subcontractor, or these individuals may be independent contractors to whom the Contractor would subcontract a portion of the work.
- b. For educational requirements for a particular degree, designation or certificate, Canada will only consider educational programs that were successfully completed by the resource by the date of bid closing
- c. For any requirements that specify a particular time period (e.g. two years) of work experience, Canada will disregard any information about experience if the individual's résumé does not include the relevant dates for the experience claimed (i.e., the start date and end date indicated in months).
- d. The bid must not simply indicate the title of the individual's position, but must also demonstrate that the resource has the required work experience by explaining responsibilities and work performed by the individual while in that position. Simply listing experience without providing any supporting data to describe responsibilities and duties will not be considered "demonstrated" for the purposes of the assessment. The Bidder should provide complete details as to where, when, month and year, and how, through which activities/responsibilities, the stated qualifications/experience were obtained. In situations in which a proposed resource worked at the same time on more than one project, only one project will be counted toward any requirements that relate to the individual's length of experience

### 3.1.2 Section II: Financial Bid

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

- (a) The information must be provided in accordance with the **Financial Bid Presentation Sheet at Attachment 1**.
- (b) Prices must be in Canadian funds, Applicable Taxes excluded, and Canadian customs duties and excise taxes included.

#### 3.1.2.2 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete **Attachment 5 "Electronic Payment Instruments"**, to identify which ones are accepted.

If Attachment 5, Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

#### 3.1.2.3 Exchange Rate Fluctuation

The requirement does not offer exchange rate fluctuation risk mitigation. Requests for exchange rate fluctuation risk mitigation will not be considered. All bids including such provision will render the bid non-responsive.

### 3.1.3 Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

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### 3.1.4 Section IV: Additional Information

- a) Bidders must provide a list of names, or other related information as needed, pursuant to section 01 of Standard Instructions 2003.
- b) For services requirements, Bidders in receipt of a pension or a lump sum payment must provide the required information as detailed in article 2.3 of the bid solicitation.
- c) Security related information (if applicable):
  - a. Name of the proposed resource as it appears on the Security Clearance form
  - b. Security Clearance certificate number
- d) Canada requests that bidders provide the following information:

**Administrative representative :**

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

Phone : \_\_\_\_\_

Fax : \_\_\_\_\_

Email : \_\_\_\_\_

**Technical representative:**

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

Phone : \_\_\_\_\_

Fax : \_\_\_\_\_

Email : \_\_\_\_\_

#### 3.1.4.1 Bidder's Proposed Sites or Premises Requiring Safeguarding Measures

- a) As indicated in Part 6 under Security Requirements, the Bidder must provide the full addresses of the Bidder's and proposed individuals' sites or premises for which safeguarding measures are required for Work Performance:

Street Number / Street Name, Unit / Suite / Apartment Number

City, Province, Territory / State

Postal Code / Zip Code

Country

- b) The Company Security Officer must ensure through the Contract Security Program that the Bidder and proposed individuals hold a valid security clearance at the required level, as indicated in Part 6 – Security, Financial and Other Requirements.

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

### **4.1 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.

#### **4.1.1 Technical Evaluation**

##### **4.1.1.1 Mandatory Technical Criteria**

Refer to **Attachment 3**, Mandatory and Point Rated Technical Criteria for a detailed list of all mandatory criteria

##### **4.1.1.2 Point Rated Technical Criteria**

Refer to **Attachment 3**, Mandatory and Point Rated Technical Criteria for a detailed list of all point rated technical criteria

#### **4.1.2 Financial Evaluation**

##### **4.1.2.1 Mandatory Financial Criteria**

*SACC Manual* Clause [A0222T](#) (2014-06-26) Evaluation of Price – Canadian/Foreign Bidders

### **4.2 Basis of Selection**

#### **4.2.1 Basis of Selection - Highest Combined Rating of Technical Merit (70%) and Price (30%)**

1. To be declared responsive, a bid must:
  - a) comply with all the requirements of the bid solicitation;
  - b) meet all mandatory criteria;
  - c) obtain the required minimum points specified for each criterion and group of criterion which are subject to point rating;
  - d) and obtain the required minimum of points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 305.
2. Bids not meeting criteria 4.2.1 (a), (b), (c) and (d) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 70 % for the technical merit and 30 % 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 70.
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 30. The pricing score will take into account both the firm and

optional R&D periods of the bid for a total of 10 years.

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 70/30 ratio of technical merit and price, respectively. The total available points equals 415 and the lowest evaluated price is \$7,844,398.22

		<b>Bidder 1</b>	<b>Bidder 2</b>	<b>Bidder 3</b>
<b>Overall Technical Score</b>		350/415	390/415	275/415
<b>Bid Evaluated Price</b>		\$7,844,398.22	\$7,980,244.30	\$8,475,357.48
<b>Calculations</b>	<b>Technical Merit Score</b>	$(350/415) * 70 =$ 59.04	$(390/415) * 70 =$ 65.78	$(275/415) * 70 =$ 46.39
	<b>Pricing Score</b>	$(7,844,398.22/$ $7,844,398.22) * 30 =$ 30.00	$(7,844,398.22/$ $7,980,244.30) * 30 =$ 29.49	$(7,844,398.22/$ $8,475,357.48) * 30 =$ 27.77
<b>Combined Rating</b>		89.04	95.27	74.16
<b>Overall Rating</b>		<b>2nd</b>	<b>1st</b>	<b>3rd</b>

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## **PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION**

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

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a contractor in default if any certification made by the Bidder is found to be untrue, whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

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

### **5.1 Certifications Required with the Bid**

Bidders must submit the following duly completed certifications as part of their bid.

#### **5.1.1 Integrity Provisions - Declaration of Convicted Offences**

In accordance with the Integrity Provisions of the Standard Instructions, all bidders must provide with their bid, **if applicable**, the Integrity declaration form available on the [Forms for the Integrity Regime](http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html) website (<http://www.tpsgc-pwgsc.gc.ca/ci-if/declaration-eng.html>), to be given further consideration in the procurement process.

#### **5.1.2 COVID-19 vaccination requirement certification**

In accordance with the COVID-19 Vaccination Policy for Supplier Personnel, all Bidders must provide with their bid, the COVID-19 Vaccination Requirement Certification attached to this bid solicitation, to be given further consideration in this procurement process. This Certification incorporated into the bid solicitation on its closing date is incorporated into, and forms a binding part of any resulting Contract.

### **5.2 Certifications Precedent to Contract Award and Additional Information**

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

#### **5.2.1 Integrity Provisions – Required Documentation**

In accordance with the section titled Information to be provided when bidding, contracting or entering into a real property agreement of the [Ineligibility and Suspension Policy](http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

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

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada](#)

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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([ESDC](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#)) - [Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

Canada will also have the right to terminate the Contract for default if a Contractor, or any member of the Contractor if the Contractor is a Joint Venture, appears on the "[FCP Limited Eligibility to Bid](#)" list during the period of the Contract.

The Bidder must provide the Contracting Authority with a completed annex titled Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

### **5.2.3 Additional Certifications Precedent to Contract Award**

#### **5.2.3.1 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.

#### **5.2.3.2 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.

#### **5.2.3.3 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**

### **6.1 Security Requirements**

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 sites must meet the security requirements 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;
  - (d) the Bidder's proposed location of work performance and document safeguarding must meet the security requirements as indicated in Part 7 - Resulting Contract Clauses;
  - (e) the Bidder must provide the addresses of proposed sites or premises of work performance and document safeguarding as indicated in Part 3 - Section IV Additional Information.
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 refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

### **6.2 Financial Capability**

SACC *Manual* clause [A9033T](#) (2012-07-16) Financial Capability

### **6.3 Controlled Goods Requirement**

SACC *Manual* clause [A9130T](#) (2014-11-27) Controlled Goods Program

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## PART 7 - RESULTING CONTRACT CLAUSES

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

### 7.1 Statement of Work

The Contractor must perform the Work in accordance with the Statement of Work at Annex A and the Contractor's technical bid entitled \_\_\_\_\_, dated \_\_\_\_\_. *(to be completed at contract award)*

#### 7.1.1 Task Authorization

The Work or a portion of the Work to be performed under the Contract will be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

##### 7.1.1.1 Task Authorization Process

###### 7.1.1.1.1 Description of Task Authorization (TA) tasks

Canada will provide the Contractor with a description of tasks.

The description of TA tasks will include information on activities to be performed, a description of the deliverables and a schedule indicating completion dates for the major activities or submission dates for the deliverables. It will also include the applicable bases and methods of payment as specified in the Contract.

More specifically, the description of TA tasks will include the following information:

- i. the task number;
- ii. a detailed Statement of Work (SOW) for the task, outlining the activities to be performed and the deliverables (such as reports) to be submitted;
- iii. the required start and completion dates (if any);
- iv. a schedule of milestone completion dates for major work activities, deliverables and payments;
- v. the work site;
- vi. the level of security clearance required of the Contractor's personnel;

Where applicable, the description of TA tasks must also include the following:

- i. a description of any travel requirements including the content and format of any required travel report;
- ii. the language profile required of the Contractor's personnel;
- iii. categories of key resources;
- iv. any other constraints that might affect task completion.

###### 7.1.1.1.2 Contractor's TA proposal

Within **ten (10) business days** of receipt of the description of TA tasks, the Contractor must provide Canada with the proposed total estimated cost for performing the tasks and a breakdown of that cost, established in accordance with Annex B – Basis of Payment of the resulting Contract. The Contractor must submit a quote, identifying its proposed resources and detailing the cost and time to complete the task(s).

The proposal will be valid for **at least twenty (20) business days** from the date on which the offer was received. The Contractor will not be paid for preparing or submitting the quote or for providing other information required to prepare and issue the TA. The Contractor

must provide all information requested and related to preparation of the TA, within five business days of the request by Canada.

For each proposed resource, the Contractor's TA proposal must include the following, unless the proposed resource(s) was/were proposed and evaluated prior to contract award:

- A resumé for each of the proposed resources. The Contractor's proposal must demonstrate that each proposed resource meets the requirements set out in Appendix A – Statement of Work of the resource category for which it is proposed (including any educational requirements, work experience and professional designation or membership requirements. With respect to resumé and resources:
  - (a) Proposed resources may be employees of the Contractor or employees of a subcontractor, or these individuals may be independent contractors to whom the Contractor would subcontract a portion of the work.
  - (b) For educational requirements for a particular degree, designation or certificate, Canada will only consider educational programs that were successfully completed by the resource by the date the Contractor submits its TA quote.
  - (c) For work experience, Canada will not consider experience gained as part of an educational program.
  - (d) For any requirements that specify a particular time period (e.g. two years) of work experience, Canada will disregard any information about experience if the individual's resumé does not include the relevant dates for the experience claimed (i.e., the start date and end date indicated in months).
  - (e) The resumé must not simply indicate the title of the individual's position, but must also demonstrate that the resource has the required work experience by explaining responsibilities and work performed by the individual while in that position. Simply listing experience without providing any supporting data to describe responsibilities, duties and relevance to the requirement, or reusing the same wording as the TA Form, will not be considered "demonstrated" for the purposes of the assessment. The Contractor should provide complete details as to where, when, month and year, and how, through which activities/responsibilities, the stated qualifications/experience were obtained. In situations in which a proposed resource worked at the same time on more than one project, only one project will be counted toward any requirements that relate to the individual's length of experience.

When directed by Canada, the Contractor must also provide a technical proposal including, if applicable, the following:

- (a) a description of the understanding of the objectives and the scope of work;
- (b) a description of the approach and methodology that will be used to perform the work;
- (c) a description of the expected deliverables;
- (d) an estimate of the expected degree of success;
- (e) proposed deviations from the requirements;
- (f) identification of the major risks and a risk mitigation plan;
- (g) a comprehensive work schedule and prioritization of activities to be performed.

#### **7.1.1.1.3 Approval of the Task Authorization**

The Contractor must not begin the work until the approved TA has been received by Canada. The Contractor acknowledges that any work performed before the TA has been received will be done at the Contractor's own risk.

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The work will be approved or confirmed by Canada through a Task Authorization Form – DND 626 in Annex E.

#### **7.1.1.2 Task Authorization Limit**

The DND Procurement Authority may authorize individual task authorizations up to a limit of **\$250,000.00**, Applicable Taxes included, inclusive of any revisions.

Any task authorization to be issued in excess of these limits must be authorized by the Contracting Authority before issuance.

#### **7.1.1.3 Minimum Work Guarantee - All the Work - Task Authorizations**

1. In this clause,

"Maximum Contract Value" means the amount specified in the "Limitation of Expenditure" clause set out in the Contract; and

"Minimum Contract Value" means 25% of Contract value, including any Firm and Task Authorizations parts of the Work.

2. Canada's obligation under the Contract is to request Work in the amount of the Minimum Contract Value or, at Canada's option, to pay the Contractor at the end of the Contract in accordance with paragraph 3. In consideration of such obligation, the Contractor agrees to stand in readiness throughout the Contract period to perform the Work described in the Contract. Canada's maximum liability for work performed under the Contract must not exceed the Maximum Contract Value, unless an increase is authorized in writing by the Contracting Authority.
3. In the event that Canada does not request work in the amount of the Minimum Contract Value during the period of the Contract, Canada must pay the Contractor the difference between the Minimum Contract Value and the total cost of the Work requested.
4. Canada will have no obligation to the Contractor under this clause if Canada terminates the Contract in whole or in part for default.

#### **7.1.1.4 Task Authorization - Department of National Defence**

The administration of the Task Authorization process will be carried out by The Procurement and Payment group at the Department of National Defence (DND), represented by the DND Procurement Authority. This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

#### **7.1.2 Disclosure Certification**

On completion of the Work, the Contractor must submit to the Technical Authority and to the Contracting Authority a copy of the Contractor Disclosure of Foreground Information attached as Annex C stating that all applicable disclosures were submitted.

#### **7.2 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) (https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual) issued by Public Works and Government Services Canada.

## 7.2.1 General Conditions 2040 – Research & Development

2040 (2020-05-28) General Conditions - Research & Development, apply to and form part of the Contract.

## 7.2.2 General Conditions 1031-2 – Contract Cost Principles

### i. General Principle

The total cost of the Contract must be the sum of the applicable direct and indirect costs which are, or must be reasonably and properly incurred and/or allocated, in the performance of the Contract, less any applicable credits. These costs must be determined in accordance with the Contractor's cost accounting practices as accepted by Canada and applied consistently over time.

### ii. Definition of a Reasonable Cost

1. A cost is reasonable if the nature and amount do not exceed what would be incurred by an ordinary prudent person in the conduct of a competitive business.
2. In determining the reasonableness of a particular cost, consideration will be given to:
  - a. whether the cost is of a type generally recognized as normal and necessary for the conduct of a contractor's business or performance of the Contract;
  - b. the restraints and requirements by such factors as generally accepted sound business practices, arm's length bargaining, federal, provincial and local laws and regulations, and contract conditions;
  - c. the action that prudent business persons would take in the circumstances, considering their responsibilities to the owners of the business, their employees, customers, the Government and public at large;
  - d. significant deviations from the established practices of the Contractor which may unjustifiably increase the contract costs; and
  - e. the specifications, delivery schedule and quality requirements of the particular contract as they affect costs.

### iii. Direct Costs

There are three categories of direct costs:

- a. "Direct Material Costs" meaning the cost of materials which can be specifically identified and measured as having been used or to be used in the performance of the Contract and which are so identified and measured consistently by the Contractor's cost accounting practices as accepted by Canada.
  - i. These materials may include, in addition to materials purchased solely for the performance of the Contract and processed by the Contractor, or obtained from subcontractors, any other materials issued from the Contractor's general stocks.
  - ii. Materials purchased solely for the performance of the Contract or subcontracts must be charged to the Contract at the net laid-down cost to the Contractor before cash discounts for prompt payment.
  - iii. Materials issued from the Contractor's general stocks must be charged to the Contract in accordance with the method as used consistently by the Contractor in pricing material inventories.
- b. "Direct Labour Costs" meaning the costs of the portion of gross wages or salaries incurred for the Work, which can be specifically identified and measured as having been incurred or to be incurred in the performance of the Contract and which are so identified and measured consistently by the Contractor's cost accounting practices as accepted by Canada.
- c. "Other Direct Costs" meaning those applicable costs, not falling within the categories of direct material or direct labour, but which can be specifically identified and measured as having been

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incurred or to be incurred in the performance of the Contract and which are so identified and measured consistently by the Contractor's cost practices as accepted by Canada.

#### **iv. Indirect Costs**

1. "Indirect Costs (overhead)" meaning those costs which, though necessarily having been incurred during the performance of the Contract for the conduct of the Contractor's business in general, cannot be identified and measured as directly applicable to the performance of the Contract.
2. These Indirect Costs may include, but are not necessarily restricted to, such items as:
  - a. indirect materials and supplies (\*);
  - b. indirect labour;
  - c. fringe benefits (the Contractor's contribution only);
  - d. public services expenses: expenses of a general nature such as power, heat, light, operation and maintenance of general assets and facilities;
  - e. fixed/period charges: recurring charges such as property taxes, rentals and reasonable depreciation costs;
  - f. general and administrative expenses: including remuneration of executive and corporate officers, office wages and salaries and expenses such as stationery, office supplies, postage and other necessary administration and management expenses;
  - g. selling and marketing expenses associated with the goods, services or both being acquired under the Contract;
  - h. general research or development expenses as considered applicable by Canada.

(\*) For supplies of similar low-value, high-usage items the costs of which meet the above definition of Direct Material Costs but for which it is economically expensive to account for these costs in the manner prescribed for direct costs, then they may be considered to be indirect costs for the purposes of the Contract.

#### **v. Allocation of Indirect Costs**

Indirect Costs must be accumulated in appropriate indirect cost pools, reflecting a contractor's organizational or operational lines and these pools subsequently allocated to contracts in accordance with the following two principles:

- a. the costs included in a particular indirect cost pool should have a similarity of relationship with each contract to which that indirect cost pool is subsequently distributed; further, the costs included in an indirect cost pool should be similar enough in their relationship to each other that the allocation of the total costs in the pool provides a result which would be similar to that achieved if each cost within that pool were separately distributed;
- b. the allocation basis for each indirect cost pool should reflect, as far as possible, the causal relationship of the pooled costs to the contracts to which these costs are distributed.

#### **vi. Credits**

The applicable portion of any income, rebate, allowance, or any other credit relating to any applicable direct or indirect cost, received by or accruing to the Contractor, must be credited to the Contract.

#### **vii. Non-applicable Costs**

Despite that the following costs may have been or may be reasonably and properly incurred by the Contractor in the performance of the Contract, they are considered non-applicable costs to the Contract:

- a. allowance for interest on invested capital, bonds, debentures, bank or other loans together with related bond discounts and finance charges;

- b. legal, accounting and consulting fees in connection with financial reorganization, security issues, capital stock issues, obtaining of patents and licenses and prosecution of claims against Canada;
- c. losses on investments, bad debts and collection charges;
- d. losses on other contracts;
- e. federal and provincial income taxes, excess profit taxes or surtaxes and/or special expenses in connection with those taxes;
- f. provisions for contingencies;
- g. premiums for life insurance on the lives of officers and/or directors where proceeds accrue to the Contractor;
- h. amortization of unrealized appreciation of assets;
- i. depreciation of assets paid for by Canada;
- j. fines and penalties;
- k. expenses and depreciation of excess facilities;
- l. unreasonable compensation for officers and employees;
- m. specific product development or improvement expenses not associated with the product being acquired under the Contract;
- n. advertising, except reasonable advertising of an industrial or institutional character placed in trade, technical or professional journals for the dissemination of information for the industry or institution;
- o. entertainment expenses;
- p. donations except those to charities registered under the [Income Tax Act](#);
- q. dues and other memberships other than regular trade and professional associations;
- r. fees, extraordinary or abnormal for professional advice in regard to technical, administrative or accounting matters, unless approval from the Contracting Authority is obtained.
- s. compensation in the form of dividend payments or calculated based on dividend payments;
- t. compensation calculated, or valued, based on changes in the price of corporate securities, such as stock options, stock appreciation rights, phantom stock plans or junior stock conversions; or, any compensation in the form of a payment made to an employee in lieu of an employee receiving or exercising a right, option, or benefit.

### 7.3 Security Requirements

#### 7.3.1 SECURITY REQUIREMENT FOR CANADIAN SUPPLIER: PWGSC FILE No. W6399-21-LD67

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 SECRET, issued by the Contract Security Program (CSP), Public Works and Government Services Canada (PWGSC).
2. 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 (PWGSC).
3. The Contractor/Offeror personnel requiring access to CLASSIFIED information, assets or sensitive site(s) must EACH hold a valid personnel security screening at the level of SECRET, granted or approved by the CSP, PWGSC.
4. The Contractor/Offeror MUST NOT remove any CLASSIFIED information or assets from the identified site(s), and the Contractor/Offeror must ensure that its personnel are made aware of and comply with this restriction.
5. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of the CSP, PWGSC.
6. The Contractor/Offeror must comply with the provisions of the:

- (a) Security Requirements Check List and security guide (if applicable), attached at Annex D
- (b) *Industrial Security Manual* (Latest Edition).

### 7.3.2 SECURITY REQUIREMENT FOR FOREIGN SUPPLIER

1. Canadian persons that examine, possess, or transfer controlled goods (\*refer to Note) that are domestically controlled by Public Services and Procurement Canada (PSPC) for Contracts and Subcontracts are required to register with PSPC's Controlled Goods Program (CGP) before accessing controlled goods, unless excluded from CGP registration as defined by the Controlled Goods Regulations.

Throughout the duration of this Contract and Subcontract, the Foreign recipient Contractor and Subcontractor must adhere to its respective national policies pertaining to the examination, possession, or transfer of controlled goods and must immediately report to its responsible National Security Authority (NSA) all cases in which it is known or there is reason to suspect that controlled goods, furnished or generated pursuant to this Contract and Subcontract have been lost or disclosed to unauthorized persons (entities not registered with the CGP or entities not excluded from CGP registration), including but not limited to a third party government, person, firm, or representative thereof. Controlled goods which are lost or compromised while handled outside of Canada, should be immediately reported, as per the requirements of the Treasury Board of Canada Secretariat's Controlled Goods Directive and Directive on Material Management and to the Canadian Government Authority owner of the controlled goods, for example the Canadian Department that issued the controlled goods to the Foreign recipient Contractor and Subcontractor, as part of this Contract and Subcontract. Additionally, controlled goods that are lost or disclosed to unauthorized persons which are subject to the United States of America's (U.S.) the export controls of International Traffic in Arms Regulations of the United States of America International Traffic in Arms Regulations, will require the NSA or the Canadian Government Authority owner to report the situation to the U.S. exporter or the U.S. Department of State's Directorate of Defense Trade Controls (DDTC). \*Note: Controlled goods are goods, including components and their associated technologies (e.g., blueprints, technical specifications, etc.), that primarily have a military or national security significance, including "defense articles" that are controlled by the United States' International Traffic in Arms Regulations. The list of controlled goods Controlled Goods List contained in the Schedule to the Defence Production Act (section 35) details the specific controlled goods that are domestically controlled by PSPC.

2. The Foreign recipient Contractor shall not use the CANADA PROTECTED / CLASSIFIED information/assets for any purpose other than for the performance of the Contract without the prior written approval of the Government of Canada. This approval must be obtained from the Canadian DSA.
3. The Foreign recipient Contractor shall not use the CANADA PROTECTED / CLASSIFIED information/assets for any purpose other than for the performance of the Contract without the prior written approval of the Government of Canada. This approval must be obtained from the Canadian Designated Security Authority (DSA), in consultation with Communications Security Establishment (CSE) in order for CSEC to approve release.
4. The Foreign recipient Contractor shall immediately report to the Canadian DSA all cases in which it is known or there is reason to suspect that CANADA PROTECTED / CLASSIFIED information/assets pursuant to this Contract has been compromised.
5. The Foreign recipient Contractor shall not disclose CANADA PROTECTED / CLASSIFIED information/assets to a third party government, person, firm or representative thereof, without the prior written consent of the Government of Canada. Such consent shall be sought through the recipient's National Security Authority/ Designated Security Authority (NSA/DSA) / Canadian DSA.

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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## **7.4 Term of Contract**

### **7.4.1 Period of the Contract**

The period of the contract is from the date of contract to March 31<sup>st</sup> 2027

### **7.4.2 Option to Extend the Contract**

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to five (5) additional one (1) year period(s) under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least sixty (60) calendar days before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

### **7.4.3 Delivery Points**

Delivery of the requirement will be made to delivery point(s) specified at Annex "A" of the Contract.

## **7.5 Authorities**

### **7.5.1 Contracting Authority**

The Contracting Authority for the Contract is:

Name : Jean-Renaud Proulx  
Title : Procurement Specialist  
Organization: Public Services and Procurement Canada  
Supply and Compensation Directorate  
Address : 1550 D'Estimauville Avenue  
Quebec City, QC, Canada  
G1J 0C7  
Phone : 418-649-2774  
Fascimile : 418-648-2209  
Email : [Jean-Renaud.Proulx@pwgsc.gc.ca](mailto:Jean-Renaud.Proulx@pwgsc.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.

### **7.5.2 Technical Authority *(to be completed at contract award)***

Name :  
Title :  
Organization:  
Address :  
Phone :  
Fascimile :  
Email :

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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.

### 7.5.3 DND Procurement Authority *(to be completed at contract award)*

The Procurement Authority for the Contract is:

Name :  
Title :  
Organization:  
Address :  
Phone :  
Fascimile :  
Email :

The DND Procurement Authority is the representative of the department or agency for whom the Work is being carried out under the Contract. The DND 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 DND Procurement Authority however the DND 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.

### 7.5.4 Contractor's Representative *(to be completed at contract award)*

Administrative representative :	Technical representative :
Name : _____	Name: _____
Telephone : _____	Telephone: _____
Facsimile : _____	Facsimile: _____
Email: _____	Email: _____

### 7.6 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

### 7.7 Payment

#### 7.7.1 Basis of Payment

##### 7.7.1.1 For "Research and Development" Task Authorizations

One of the following Basis of payment will be part of the approved task authorization (TA). The price of the task will be established according to the Basis of Payment in Annex B.

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**(i) For the Work provided under a Task Authorization subject to a Firm Price:**

In consideration of the Contractor satisfactorily completing all of its obligations under the authorized Task Authorization (TA), the Contractor will be paid a firm price in accordance with the basis of payment, in Annex B, as specified in the authorized TA. Customs duties are included and Applicable Taxes are extra.

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

**(ii) For the Work provided under a Task Authorization subject to a Ceiling Price:**

The Contractor will be reimbursed its costs reasonably and properly incurred in the performance of the Work, plus a profit, as determined in accordance with the Basis of Payment in Annex B, to the ceiling price specified in the approved TA. Customs duties are included and Applicable Taxes are extra.

The ceiling price is subject to downward adjustment so as not to exceed the actual costs reasonably incurred in the performance of the Work and computed in accordance with the Basis of Payment.

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.

***Ceiling price:*** *A ceiling price is the maximum amount of money that may be paid to a contractor. By establishing a ceiling price, the contractor must fulfill all of its contractual obligations relative to the work to which this basis of payment applies without additional payment whether or not the actual costs incurred exceed the ceiling price.*

**(iii) For the Work provided under a Task Authorization subject to a Limitation of Expenditure:**

The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work specified in the authorized Task Authorization (TA), as determined in accordance with the Basis of Payment in Annex B, to the limitation of expenditure specified in the authorized TA.

Canada's liability to the Contractor under the authorized TA must not exceed the limitation of expenditure specified in the authorized TA. Customs duties are included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized TA resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work. The Contractor must not perform any work or provide any service that would result in Canada's liability to the Contractor under the authorized TA being exceeded before obtaining the written approval of the Contracting Authority.

**(iv) Travel and Living Expenses:**

The Contractor will be reimbursed for the authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for

overhead or profit, in accordance with the meal, private vehicle and incidental expense allowances specified in Appendices B, C and D of the *National Joint Council Directive*, 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.

Travel fees and living expenses will not be reimbursed if the contractor has to travel less than 50km to reach one of the work areas identified in Annex A :

- Quebec City area, Quebec (DRDC Valcartier)
- Ottawa Area, Ontario
- Gatineau Area, Quebec
- Medicine Hat Area, Alberta (DRDC Suffield)

#### 7.7.1.2 For "Helmet Manufacturing" Task Authorizations

##### **For the Work provided under a Task Authorization subject to a Firm Price:**

In consideration of the Contractor satisfactorily completing all of its obligations under the authorized Task Authorization (TA), the Contractor will be paid a firm price in accordance with the basis of payment, in Annex B, as specified in the authorized TA. Customs duties are included and Applicable Taxes are extra.

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

#### 7.7.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations

1. Canada's total liability to the Contractor under the Contract for all authorized Task Authorizations (TAs), inclusive of any revisions, must not exceed the sum of **\$4,100,000.00**. Customs duties are included and Applicable Taxes are extra.
2. No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
3. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
  - (a) when it is 75 percent committed, or
  - (b) four (4) months before the contract expiry date, or
  - (c) as soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.
4. If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority, a written estimate for the additional funds required. Provision of such information by the Contractor does not increase Canada's liability.

#### 7.7.3 Method of Payment

Payments will be made not more frequently than once a month.

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**Depending on the method of payment specified in the applicable TA, one of the following methods of payment clauses will apply.**

**7.7.3.1 Single Payment** (For a Firm Price TA, for a TA subject to a Limitation of Expenditure or a Ceiling Price)

Canada will pay the Contractor upon completion and delivery of the Work associated with the Task Authorization in accordance with the payment provisions of the Contract if:

- (a) an accurate and complete claim for payment using PWGSC-TPSGC 1111, Claim for Progress Payment (<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/1111.pdf>) and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (b) all such documents have been verified by Canada;
- (c) the Work delivered has been accepted by Canada.

**7.7.3.2 Milestone Payments** (For a Firm Price TA)

For any task authorization issued under the Contract that includes a schedule of milestone payments to be made once specific portions of the work have been completed and accepted, Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Task Authorization and the payment provisions of the Contract if:

- (a) an accurate and complete claim for milestone payment using PWGSC-TPSGC 1111, Claim for Progress Payment, (<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.

**7.7.3.3 Progress Payments** (For a TA subject to a Limitation of Expenditure or a Ceiling Price)

- (a) Canada will make progress payments in accordance with the payment provisions of the Task Authorization and the Contract, no more than once a month, for costs incurred in the performance of the Work up to 90 percent of the amount claimed and approved by Canada if:
  - (i) an accurate and complete claim for payment using form PWGSC-TPSGC 1111, Claim for Progress Payment (<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;

- (ii) the amount claimed is in accordance with the Basis of Payment and the Task Authorization;
  - (iii) the total amount for all progress payments paid by Canada does not exceed 90 percent of the total amount to be paid under the Task Authorization.
  - (iv) all certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives.
- (b) The balance of the amount payable will be paid in accordance with the payment provisions of the Task Authorization and the Contract upon completion and delivery of all work required under the Task Authorization if the Work has been accepted by Canada and a final claim for the payment is submitted.
- (c) Progress payments are interim payments only. Canada may conduct a government audit and interim time and cost verifications and reserves the right to make adjustments to the Contract from time to time during the performance of the Work. Any overpayment resulting from progress payments or otherwise must be refunded promptly to Canada.

#### 7.7.4 SACC Manual Clauses

H1003C (2010-01-11), Progress Payments  
A9117C (2007-11-30), T1204 - Direct Request by Customer Department  
C0305C (2014-06-26), Cost Submission  
C2000C (2007-11-30), Taxes – Foreign-based Contractor

#### 7.7.5 Electronic Payment of Invoices – Contract (to be completed at contract award)

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- a. Visa Acquisition Card;
- b. MasterCard Acquisition Card;
- c. Direct Deposit (Domestic and International);
- d. Electronic Data Interchange (EDI);
- e. Wire Transfer (International Only);
- f. Large Value Transfer System (LVTS) (Over \$25M)

#### 7.7.6 Discretionary Audit

SACC Manual Clause C0705C (2010-01-11), Discretionary Audit

#### 7.8 Invoicing Instructions

1. The Contractor must submit a claim for 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 Task Authorization (TA) number;

- 
- d) the description of the milestone invoiced, as applicable.
2. For Firm Price portion of the work, and TAs subject to a Limitation of Expenditure or a Ceiling Price, each invoice must be supported by:
- a) a list of all expenses, in accordance with the TA;
  - b) a copy of time sheets to support the time claimed;
  - c) a copy of the invoices, receipts, vouchers for all direct expenses, travel and living expenses;
  - d) a copy of the monthly progress report.
3. Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments.
4. The Contractor must prepare and certify the request on form PWGSC-TPSGC 1111, and send it in electronic format to the following address for certification:
- Supply and Support Clerk - Claims**  
[QueReclamation.QueClaim@tpsgc-pwgsc.gc.ca](mailto:QueReclamation.QueClaim@tpsgc-pwgsc.gc.ca)
- The Contracting Authority will then forward the claim to the Technical Authority for appropriate certification after inspection and acceptance of the Work takes place, and onward submission to the Payment Office for the remaining certification and payment.
5. The Contractor must not submit claims until all work identified in the claim is completed.

## **7.9 Certifications and Additional Information**

### **7.9.1 Compliance**

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

### **7.9.2 Federal Contractors Program for Employment Equity - Default by the Contractor**

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and Employment and Social Development Canada (ESDC)-Labour, the AIEE must remain valid during the entire period of the Contract. If the AIEE becomes invalid, the name of the Contractor will be added to the "[FCP Limited Eligibility to Bid](#)" list. The imposition of such a sanction by ESDC will constitute the Contractor in default as per the terms of the Contract.

### **7.10 Applicable Laws**

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

### **7.11 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.

- 
- i. the Articles of Agreement;
  - ii. the general conditions 2040 (2020-05-28) Research and Development
  - iii. the general conditions 1031-2 (2012-07-16) Contract Cost Principles
  - iv. Annex A, Statement of Work
  - v. Annex B, Basis of Payment;
  - vi. Annex C, Contractor Disclosure of Foreground Information;
  - vii. Annex D, Security Requirements Check List;
  - viii. Annex E, DND 626, Task Authorization Form;
  - ix. Annex F, Non-Disclosure Agreement
  - x. Annex G, COVID-19 Vaccination Requirement Certification
  - xi. the signed Task Authorizations (including all of its annexes, if any)
  - xii. the Contractor's bid dated \_\_\_\_\_ *(to be completed at contract award)*

#### 7.12 Defence Contract

SACC Manual clause [A9006C](#) (2012-07-16) Defence Contract

#### 7.13 Foreign Nationals *(To be determined at award)*

SACC Manual clause [A2000C](#) (2006-06-16) Foreign Nationals (Canadian Contractor)

**OR**

SACC Manual clause [A2001C](#) (2006-06-16) Foreign Nationals (Foreign Contractor)

#### 7.14 Insurance

SACC Manual clause [G1005C](#) (2016-01-28) Insurance - No Specific Requirement

#### 7.15 Controlled Goods Program

SACC Manual clause [A9131C](#) (2014-11-27), Controlled Goods Program

SACC Manual clause [B4060C](#) (2011-05-16), Controlled Goods

#### 7.16 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.
  
- (c) PART 3: The "Contract Plan and Report Form", PWGSC-TPSGC 9143 (<http://publiservice-app.tpsgc-pwgsc.gc.ca/forms/pdf/9143.pdf>), (or an equivalent form acceptable to the Contracting Authority) showing the following:
  - (i) Actual and forecast expenditure on a monthly basis for the period being covered. (Expenditures are to be outlined by month and by task.)

#### **7.17 Non-Disclosure Agreement**

The Contractor must obtain from its employee(s) or subcontractor(s) the completed and signed non disclosure agreement, attached at Annex F, and provide it to the Contracting Authority before they are given access to information by or on behalf of Canada in connection with the Work.

#### **7.18 Canadian Forces Site Regulations**

The Contractor must comply with all standing orders or other regulations, instructions and directives in force on the site where the Work is performed.

#### **7.19 Identification Badge**

SACC Manual clause [A9065C](#) (2006-06-16), Identification Badge

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## ANNEX A - STATEMENT OF WORK

### FOR INTEGRATED COMBAT HELMET DEVELOPMENT

#### 1. SCOPE

##### 1.1 Purpose

The purpose of this statement of work is to define the scope and requirements that apply to the provision of a task-based contract for engineering and manufacturing services in support of Research and Development (R&D) of an integrated combat helmet system for the Department of National Defence (DND).

##### 1.2 Background

Combat helmets are increasingly required to carry augmented vision systems, eye and hearing protection systems, communications systems, identification lights or beacons, threat warning sensors, and the power and data required to operate all these “add-on” devices. In addition, they must provide ballistic and blunt impact protection all while remaining lightweight, comfortable, streamlined and cost effective. Current approaches to helmet systems is to buy the base helmet, which has been designed to provide ballistic and impact protection to the soldier, and “layer on” the other systems. This results in a helmet system that becomes unbalanced, heavy and difficult to manage for the soldier. The era of digital night vision and other augmented sensory systems is fast approaching. Bolting these power and data hungry systems onto the current helmet designs will not achieve the desired operational end-goals of lower cognitive burden with increased situational awareness, increased traumatic brain injury protection and increased overall protection for eyes, ears and the respiratory system. A research and development effort must be undertaken to ensure that the helmet systems purchased in 5 and 10 years are as integrated as possible to maximize the efficiency of the technologies that will be incorporated into them, while minimizing the weight and complexity of these helmets.

##### 1.3 Project Overview

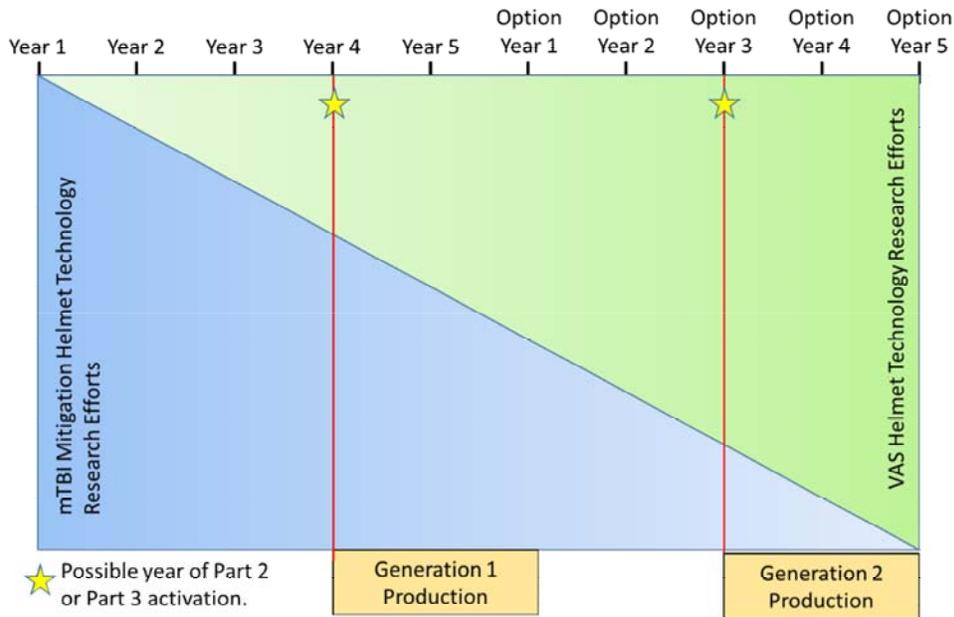
The goals of this R&D effort is to identify the right mixture of protection, computing, visual augmentation systems and power systems to co-develop a fully integrated helmet system that best supports the capabilities of the soldier in as minimal and lightweight a package as possible. As part of the R&D effort, non-standard helmet systems and components that are not normally commercially available will be required. This project will be pursued through a joint partnership with an industrial helmet manufacturer and the DND. DND will be represented by a sponsor and defense scientists from Defence Research and Development Canada (DRDC). If successful, the project may result in two separate procurements of complete helmet systems. To support this effort, DND is seeking a commercial helmet development and manufacturing industrial partner with significant experience in developing high performance military helmet systems and has current expertise in mild Traumatic Brain Injury (mTBI) mitigation and in integrated Visual Augmentation Systems (VAS) and other helmet ancillaries. Note that for the purposes of this contract, VAS refers to such things as augmented reality and virtual reality near-eye displays, visible, low-light and thermal camera sensors, and associated power and data processing systems for the same.

This Statement of Work details a three-part approach leading to two potential procurements of helmet systems. Note that all three parts may run concurrently to each other. Part 1 consists of the main helmet development effort. Part 2 may not be exercised by DND but consists of the procurement of up to 2500 “Generation 1” design helmet systems. Part 3 may not be exercised by DND, but consists of a second procurement of up to 2500 of the “Generation 2” design helmet system. These parts are described in greater detail below.

In Part 1 of this contract, the work will consist of providing engineering design, test and evaluation and prototype helmet production services in support of helmet Research and Development activities, to include VAS electronic and software design and integration work. . The intent of this part is to conduct iterative prototyping to conceive, design, build and test prototype Integrated combat helmet systems in small batch quantities to arrive at two (2) separate acceptable designs that could potentially be procured in Part 2 and

Part 3. In the first 3 to 4 years of the contract, the focus of the developmental effort and design up to the Part 2 procurement will be on improving combat helmet protection against operationally induced mTBI. The design chosen for Part 2 will be considered the Generation 1 Integrated Combat Helmet. While this will be the focus for the initial part of the research and development effort, there will likely be concurrent research on VAS hardware and software. The focus of the development effort up to the Part 3 procurement will be on including and fully integrating all the software and hardware necessary to support a fully realized VAS into the helmet design developed for Part 2. This fully integrated design will be considered the Generation 2 Integrated Combat Helmet design. Note that there will also likely be ongoing mTBI mitigation research efforts occurring during the development of the Generation 2 Integrated Combat Helmet. This R&D effort overlap is mapped in figure 1 below.

Figure 1: Integrated Combat Helmet Development Timeline



In Part 2 of this contract, the work will consist of manufacturing and delivering up to 2500 complete helmet systems to a performance specification arrived at for the Generation 1 Integrated Combat Helmet design. The decision to start Part 2 work is fully up to the discretion of DND and may or may not be exercised. The Part 2 Statements of Work will only be written should a Generation 1 Integrated Combat Helmet design be created during Part 1 that meets DND's requirements. If DND chooses to activate Part 2, the quantities and delivery timelines of the Generation 1 helmet procurement will be discussed with the contractor and specified in all necessary supporting documents to activate Part 2.

In Part 3 of this contract, the work will consist of manufacturing and delivering of up to 2500 complete helmet systems to a performance specification arrived at for the Generation 2 Integrated Combat Helmet design. The decision to start Part 3 work is fully up to the discretion of DND and may or may not be exercised. The Part 3 Statements of Work will only be written should a Generation 2 Integrated Combat Helmet design be created during Part 1 that meets DND's requirements. If DND chooses to activate Part 3, the quantities and delivery timelines of the Generation 2 helmet procurement will be discussed with the contractor and specified in all necessary supporting documents to activate Part 2.

1.4 Acronyms

CA	Contracting Authority
CAD	Computer Aided Design

CNC	Computed Numerically Controlled
DLP	Directorate of Land Procurement
DND	Department of National Defence
DRDC	Defence Research and Development Canada
HSI	Human System Integration
ITAR	International Traffic in Arms Regulations
MOE	Measures of Effectiveness
MOP	Measures of Performance
PA	Procurement Authority
PSPC	Public Service and Procurement Canada
R&D	Research and Development
SOAR	State-of-the-Art Review
SOW	Statement of Work
TA	Technical Authority
VAS	Visual Augmentation Systems

## 2. PART 1 TASKS FOR INTEGRATED COMBAT HELMET DEVELOPMENT

Part 1 tasks will vary with each task authorization released. Specific tasks, and their associated deliverable, will be described in detail for each separate task authorization. Because this is a developmental effort, it is not clear at this time exactly how much of what task and which deliverable will be required. However, in general, the tasks expected to be performed under this contract include the following:

### 2.1 Engineering, Design, Test and Evaluation Services Tasks

The contractor should conduct the following tasks by themselves:

- a) Generate engineering test and evaluation plans and protocols using published national and international standards where applicable;
- b) Provide any written reports, plans or other documents as detailed in each task authorization;
- c) Conduct industrial design of combat helmets, visual augmentation systems, audio display systems and sub-components of each;
- d) Conduct Human System Integration (HSI) design, test and evaluation;
- e) Conduct ballistic materials development and prototype production including testing of ballistic materials to known national and international standards;
- f) Conduct the drafting and drawing of mechanical designs using both 2-Dimensional and 3-Dimensional Computer Aided Design (CAD) software;
- g) Conduct 3-Dimensional modeling and rendering;
- h) Conduct finite element analysis of complete helmet systems, helmet sub-components, visual augmentation systems, audio display systems and other head-borne systems under various loading forces such as blast overpressure, blunt impact and ballistic impact;
- i) Create or procure and integrate all required electronic components to support helmet mounted near-eye displays including all necessary sensors and cameras;
- j) Design and create or identify, procure and integrate all required electronic components to support head-borne audio displays;

- 
- k) Generate all necessary software for management of integrated digital helmet data and power systems, or incorporate government supplied or third party software for the same;
  - l) Be prepared and experienced in generating supporting software and plug-ins, and integrating sensors and controls into the military version of Android Team Awareness Kit (ATAK);
  - m) Provide custom multi-channel high-speed data capture instruments including the conceptualization, design and construction of such devices through integration of commercially available electronic components;
  - n) Conduct integration of 3<sup>rd</sup> party helmet sub-components and other head-borne systems into currently fielded helmet systems;
  - o) Conduct precision measurement of the technical performance of prototype helmets, helmet sub-components, visual augmentation systems, audio display systems, other head-borne systems and/or discrete helmet materials;
  - p) Plan for, conduct and support HSI-focused user evaluations including knowledge elicitation focus groups, acceptance focus groups, and field and laboratory-based user performance evaluations;

### 2.2 Prototype Production Services

The contractor should conduct the following prototype and production services;

- a) Produce prototype helmets, helmet sub-components, visual augmentation system and power components, audio displays and connectors, and other head-borne systems in small batch quantities to a high-quality standard;
- b) Carry out all necessary quality assurance tests to support prototyping production;
- c) Conduct first article testing of helmets, helmet sub-components, visual augmentation system electronics, audio display electronics and other head-borne systems.
- d) Liaise with user groups to establish qualitative and quantitative Measures of Performance (MOP) and Measures of Effectiveness (MOE) linked to operational use cases for the prototype helmets.

### **3. PART 1 DELIVERABLES**

Deliverables will vary greatly between task authorizations. In general, they will consist of the following:

- a) Reports, documents, presentations and spreadsheets delivered in Microsoft Word, Excel, Powerpoint and Adobe PDF formats;
- b) Photographic, video and auditory media featuring testing of helmets, helmet sub-components, visual augmentation systems and other head-borne systems in common formats usable on Microsoft Windows PCs.
- c) Technical data and databases of the results of technical testing of complete helmets, helmet sub-components, visual augmentation systems, audio display systems and other head-borne systems including (but not limited to) physical properties testing, human factors testing, ballistics testing, blast testing, impact testing and electronics testing;
- d) Industrial design products including sketches, CAD files, and non-functional mock-ups, and;
- e) Software builds to support visual augmentation systems, audio displays and other head-borne computing, power and data management systems, including ATAK plugins and software integration;

- f) Small numbers of physical prototypes of complete helmets, helmet sub-components, visual augmentation systems, audio displays, circuit boards, software and other head-borne systems.

#### **4. PART 2 TASKS FOR GENERATION 1 INTEGRATED COMBAT HELMET MANUFACTURING**

Part 2 consists of the manufacture of up to 2500 helmet systems to a specific performance standard. Part 2 will consist of manufacturing the Generation 1 Integrated Combat Helmet design developed during Part 1 that has acceptable performance standards and meets DND's requirements. These helmets will be adopted for operational use within CANSOFCOM. All work and performance requirements will be provided in a single Statement of Work at the beginning of Phase 2. The tasks for Part 2 will be consistent with the manufacture, quality assurance, and delivery of large quantities of the chosen Generation 1 Integrated Combat Helmet design. Should Part 2 be put in place, specific manufacturing tasks and timelines will be negotiated prior beginning. However, in general, Part 2 tasks are as follows:

- a) Provide all necessary material, equipment and facilities to manufacture up to 2500 of the Generation 1 Integrated Combat Helmet design, helmet sub-components and other necessary head-borne systems to a high-quality standard;
- b) Carry out all necessary quality assurance tests to support Part 2 manufacturing; and,
- c) Conduct first article testing of Part 2 manufactured helmets, helmet sub-components and other head-borne systems.

#### **5. PART 2 DELIVERABLES**

Up to 2500 Generation 1 Integrated Combat Helmets as requested in Part 2 documentation for helmet production.

#### **6. PART 3 TASKS FOR GENERATION 2 INTEGRATED COMBAT HELMET MANUFACTURING**

Part 3 consists of the manufacture of up to 2500 helmet systems to a specific performance standard. Part 3 will consist manufacturing the Generation 2 Integrated Combat Helmet design developed during Part 1 that has acceptable performance standards and meets DND's requirements. These helmets will be adopted for operational use within CANSOFCOM. All work and performance requirements will be provided in a single Statement of Work should Part 3 be started. The tasks for Part 3 will be consistent with the manufacture, quality assurance, and delivery of large quantities of the chosen Generation 2 Integrated Combat Helmet design. Should Part 3 be put in place, specific manufacturing tasks and timelines will be negotiated prior to the emplacement of the task. However, in general, Part 3 tasks are as follows:

- a) Provide all necessary material, equipment and facilities to manufacture up to 2500 of the Generation 2 Integrated Combat Helmet design, helmet sub-components and other necessary head-borne systems to a high-quality standard;
- b) Carry out all necessary quality assurance tests to support Part 3 manufacturing; and,
- c) Conduct first article testing of Part 3 manufactured helmets, helmet sub-components and other head-borne systems.

#### **7. PART 3 DELIVERABLES**

Up to 2500 Generation 2 Integrated Combat Helmets as requested in Part 3 documentation for helmet production.

#### **8. WORK LOCATIONS**

The majority of the design, prototyping and manufacturing tasks envisioned under this contract will take place at the contractor's own facilities. Evaluation and testing of prototypes and manufactured helmets will

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occur at various DND facilities located across Canada. Travel at DND facilities may be required to provide technical support during testing and evaluation. Travel should mainly be required to the following areas:

- Quebec City area, Quebec (DRDC Valcartier)
- Ottawa Area, Ontario
- Gatineau Area, Quebec
- Medicine Hat Area, Alberta (DRDC Suffield)

## **9. MEETINGS**

Depending on the subjects to be discussed project meetings could be held in person at DND facilities in Ottawa, Suffield or Valcartier, at the contractor's facilities, or be conducted via teleconference or videoconference. Meeting schedules will be defined in each task authorization. In addition, a project kick-off meeting will be held at the contractor's facilities in the weeks following contract award.

## **10. TRAVEL**

The contractor will be expected to travel to Canadian military bases, government and other test facilities, and other locations within Canada or the United States as required to support this contract. All contractor travel will be in accordance with the National Joint Council (NJC) guidelines.

## **11. GOVERNMENT FURNISHED EQUIPMENT**

In association with each task as outlined in the task authorizations, the contractor may be required to take possession of certain government furnished equipment such as complete helmet systems, helmet sub-components, visual augmentation components including ITAR controlled night vision equipment, auditory displays, to conduct testing, prototyping or design work. These requirements will be stipulated under each task authorization as required. The contractor should destroy any remaining or unclaimed equipment at the end of the contract.

## **12. LANGUAGE OF WORK**

English essential. All contract resources should be able to adequately communicate in both French and English but given the nature of the contract and the parties involved, english will be prioritized for all correspondence with DND and DRDC representatives

## **13. SPECIAL CONSIDERATIONS**

### RESEARCH INVOLVING HUMAN SUBJECTS

Where applicable, the contractor will adhere to the requirements, principles and practices outlined in the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (December 2010) prepared by and available from the Canadian Institutes of Health Research, Natural Sciences and Engineering Research Council of Canada, and Social Sciences and Humanities Research Council of Canada. The policy is available online at [www.pre.ethics.gc.ca](http://www.pre.ethics.gc.ca). As well, all trials and evaluations involving Canadian Armed Forces (CAF) personnel will be in compliance with Defense Administrative Order and Directives (DAOD) 5061-0 and DAOD 5061-1.

**ANNEX B – BASIS OF PAYMENT**

- 1. LABOUR:** Firm all-inclusive rates, including profit, Overhead and General & administration (applicable taxes extra), as follows:

**1.1 Initial Contract Period**

Labour Category	Year 1 Award to March 31st 2023	Year 2 April 1 <sup>st</sup> 2023 to March 31st 2024	Year 3 April 1 <sup>st</sup> 2024 to March 31st 2025	Year 4 April 1 <sup>st</sup> 2025 to March 31st 2026	Year 5 April 1 <sup>st</sup> 2026 to March 31st 2027
L1. Team Lead	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L2. Humans Systems Integration Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L3. Ballistics Material Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L4. Industrial Design Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L5. Software Development Engineer	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L6. Electronics Engineer	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L7. Labour for prototype Helmet production	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L8. Labour for subsequent Helmet production	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr

**1.2 Optional Contract Period**

Labour Category	Option 1 April 1 <sup>st</sup> 2027 to March 31st 2028	Option 2 April 1 <sup>st</sup> 2028 to March 31st 2029	Option 3 April 1 <sup>st</sup> 2029 to March 31st 2030	Option 4 April 1 <sup>st</sup> 2030 to March 31st 2031	Option 5 April 1 <sup>st</sup> 2031 to March 31st 2032
L1. Team Lead	_____ \$/hr				
L2. Humans Systems Integration Specialist	_____ \$/hr				
L3. Ballistics Material Specialist	_____ \$/hr				
L4. Industrial Design Specialist	_____ \$/hr				

L5. Software Development Engineer	_____ \$/hr				
L6. Electronics Engineer	_____ \$/hr				
L7. Labour for prototype Helmet production	_____ \$/hr				
L8. Labour for subsequent Helmet production	_____ \$/hr				

**2. MATERIALS, SUPPLIES and EQUIPMENT:** at laid down cost<sup>1</sup> without markup.

**3. HELMET PRODUCTION - ADDITIONAL COSTS AND PROFIT**

Should Canada move forward with an official request for Helmet production on a later date, unit cost will be negotiated at that time under the cost guidelines specified below.

NOTE: Additional profit cannot be added to hourly labour rates as these already include profit.

**3.1 : Manufacturing of 1<sup>st</sup> Generation Assaulter Helmet**

Cost Components (per unit)	Estimated cost per unit
(C1.1) Total Labour based on the L8 hourly rates identified in section 1 of the Basis of Payment	TBD
(C1.2) Materials at laid down cost without markup	TBD
(C1.3) Expenses including but not limited to: Manufacturing cost, licence fees, packaging and shipping, administrative costs, etc.)	TBD
(C1.4) Profit calculated on materials and expenses but not hourly rates.	TBD
<b>(A1) Total estimated cost per unit (C1.1 + C1.2 + C1.3 + C1.4)</b>	<b>TBD</b>

**3.2 : Manufacturing of 2<sup>nd</sup> Generation Assaulter Helmet**

Cost Components (per unit)	Estimated cost per unit
(C2.1) Total Labour based on the L8 hourly rates identified in section 1	TBD

<sup>1</sup> Laid-down cost means: The cost incurred by a supplier to acquire a specific product or service for resale to the government. This includes the supplier's invoice price (less trade discounts), plus any applicable charges for incoming transportation, foreign exchange, customs duty and brokerage, but excludes the Goods and Services Tax and the Harmonized Sales Tax. (2010-01-11) **(laid-down cost)**

(C2.2) Materials at laid down cost without markup	TBD
(C2.3) Expenses including but not limited to: Manufacturing cost, licence fees, packaging and shipping, administrative costs, etc.)	TBD
(C2.4) Profit calculated on materials and expenses but not hourly rates.	TBD
<b>(A1) Total estimated cost per unit (C1.1 + C1.2 + C1.3 + C1.4)</b>	<b>TBD</b>

#### 4. TRAVEL & LIVING

- (a) 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, and private vehicle allowances specified in Appendices B, C and D of the [National Joint Council Travel Directive](#), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees". Canada will not pay the Contractor any incidental expense allowance for authorized travel.
- (b) Canada will not accept any travel and living expenses incurred by the Contractor as a consequence of any relocation of personnel required to satisfy the terms of this Contract.
- (c) All travel must have prior authorization of the Technical Authority. All payments are subject to government audit.
- (d) Travel fees and living expenses will not be reimbursed if the contractor has to travel less than 50km to reach one of the work areas identified in Annex A :
  - o Quebec City area, Quebec (DRDC Valcartier)
  - o Ottawa Area, Ontario
  - o Gatineau Area, Quebec
  - o Medicine Hat Area, Alberta (DRDC Suffield)

#### 5. LIMITATION OF EXPENDITURE

<b>Limitation of Expenditure - Initial Contract Period Award to March 31<sup>st</sup> 2027</b>	<b>\$4,100,000.00 (applicable Taxes extra)</b>
Limitation of Expenditure – First optional year <i>April 1<sup>st</sup> 2027 to March 31<sup>st</sup> 2028</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Second optional year <i>April 1<sup>st</sup> 2028 to March 31<sup>st</sup> 2029</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Third optional year <i>April 1<sup>st</sup> 2029 to March 31<sup>st</sup> 2030</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Fourth optional year <i>April 1<sup>st</sup> 2030 to March 31<sup>st</sup> 2031</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Fifth optional year <i>April 1<sup>st</sup> 2031 to March 31<sup>st</sup> 2032</i>	\$800,000.00 (applicable Taxes extra)

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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With the exception of the firm rate(s) and price(s), the amounts shown in the various items specified above are estimates only. Minor changes to these estimates will be accepted for billing purposes as the Work proceeds, provided that these changes have the prior approval of the Technical Authority and provided that the estimated cost does not exceed the aforementioned Limitation of Expenditure.

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## ANNEX C - CONTRACTOR DISCLOSURE OF FOREGROUND INFORMATION

Please refer to **Article 1 - Interpretation of 2040 General Conditions** for the definition of Foreground Information to determine what information must be disclosed.

The Contractor must provide the following information:

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.

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Signature

Date

---

Name

Title

-----  
(Internal DRDC Valcartier)

---

Signature

Date

---

Name

Title (Technical authority)

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
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QCL-0-43142

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## **ANNEX D – SECURITY REQUIREMENTS CHECK LIST**

The Security Requirements Check List (SRCL) (Annex D) appended to the bid solicitation package is to be inserted at this point and forms part of this document.



**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  
 Department of National Defence  
 2. Branch or Directorate / Direction générale ou Direction  
 ADM(MAT) DLP

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  
 Department of National Defence requires a task-based contract for engineering and manufacturing services in support of Research and Development (R&D) of a Digital Combat Helmet.

5. a) Will the supplier require access to Controlled Goods? / Le fournisseur aura-t-il accès à des marchandises contrôlées?  
 No / Non  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?  
 No / Non  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)  
 No / Non  Yes / Oui

6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted. / 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.  
 No / Non  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?  
 No / Non  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 type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
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7. b) Release restrictions / Restrictions relatives à la diffusion

No release restrictions / Aucune restriction relative à la diffusion <input checked="" type="checkbox"/>  Not releasable / À ne pas diffuser <input type="checkbox"/>  Restricted to: / Limité à : <input type="checkbox"/> Specify country(ies): / Préciser le(s) pays :	All NATO countries / Tous les pays de l'OTAN <input type="checkbox"/>   Restricted to: / Limité à : <input type="checkbox"/> Specify country(ies): / Préciser le(s) pays :	No release restrictions / Aucune restriction relative à la diffusion <input type="checkbox"/>   Restricted to: / Limité à : <input type="checkbox"/> Specify country(ies): / Préciser le(s) pays :
--	--	--

7. c) Level of information / Niveau d'information

PROTECTED A / PROTÉGÉ A <input type="checkbox"/>	NATO UNCLASSIFIED / NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A / PROTÉGÉ A <input type="checkbox"/>
PROTECTED B / PROTÉGÉ B <input type="checkbox"/>	NATO RESTRICTED / NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B / PROTÉGÉ B <input type="checkbox"/>
PROTECTED C / PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL / NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C / PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>	NATO SECRET / NATO SECRET <input type="checkbox"/>	CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>
SECRET / SECRET <input checked="" type="checkbox"/>	COSMIC TOP SECRET / COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET / SECRET <input type="checkbox"/>
TOP SECRET / TRÈS SECRET <input type="checkbox"/>		TOP SECRET / TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>



**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 / Non  Yes / 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 / Non  Yes / 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<br>COTE DE FIABILITÉ    | <input type="checkbox"/> CONFIDENTIAL<br>CONFIDENTIEL           | <input checked="" type="checkbox"/> SECRET<br>SECRET | <input type="checkbox"/> TOP SECRET<br>TRÈS SECRET               |
| <input type="checkbox"/> TOP SECRET- SIGINT<br>TRÈS SECRET - SIGINT | <input type="checkbox"/> NATO CONFIDENTIAL<br>NATO CONFIDENTIEL | <input type="checkbox"/> NATO SECRET<br>NATO SECRET  | <input type="checkbox"/> COSMIC TOP SECRET<br>COSMIC TRÈS SECRET |
| <input type="checkbox"/> SITE ACCESS<br>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 / Non  Yes / Oui  
If Yes, will unscreened personnel be escorted? On DND premises, unscreened pers. may  
Dans l'affirmative, le personnel en question sera-t-il escorté? only access public/reception zones  No / Non  Yes / 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 / Non  Yes / 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 / Non  Yes / 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 / Non  Yes / 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 / Non  Yes / 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 / Non  Yes / 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	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET / COSMIC TRÈS SECRET	PROTECTED / PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET	
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL			A	B	C				CONFIDENTIEL
Information / Assets / Renseignements / Biens / Production																	
IT Media / Support TI																	
IT Link / Lien électronique																	

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 indiquer qu'il y a des pièces jointes (p. ex. SECRET avec des pièces jointes).**

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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## **ANNEX E – DND 626 TASK AUTHORIZATION FORM**

The DND 626, *Task Authorization Form*, which is enclosed, is to be inserted at this point and forms part of this document.

**TASK AUTHORIZATION  
AUTORISATION DES TÂCHES**

All invoices/progress claims must show the reference Contract and Task numbers. Toutes les factures doivent indiquer les numéros du contrat et de la tâche.		Contract no. – N° du contrat <hr/> Task no. – N° de la tâche
Amendment no. – N° de la modification	Increase/Decrease – Augmentation/Réduction	Previous value – Valeur précédente
To – À	<p><b>TO THE CONTRACTOR</b></p> <p>You are requested to supply the following services in accordance with the terms of the above reference contract. Only services included in the contract shall be supplied against this task.</p> <p>Please advise the undersigned if the completion date cannot be met. Invoices/progress claims shall be prepared in accordance with the instructions set out in the contract.</p> <p><b>À L'ENTREPRENEUR</b></p> <p>Vous êtes prié de fournir les services suivants en conformité des termes du contrat mentionné ci-dessus. Seuls les services mentionnés dans le contrat doivent être fournis à l'appui de cette demande.</p> <p>Prière d'aviser le signataire si la livraison ne peut se faire dans les délais prescrits. Les factures doivent être établies selon les instructions énoncées dans le contrat.</p>	
Delivery location – Expédiez à	_____ Date <span style="float: right;">for the Department of National Defence pour le ministère de la Défense nationale</span>	
Delivery/Completion date – Date de livraison/d'achèvement	_____ Date <span style="float: right;">for the Department of National Defence pour le ministère de la Défense nationale</span>	
Contract item no. N° d'article du contrat	Services	Cost Prix
	<b>GST/HST TPS/TVH</b>	
	<b>Total</b>	
<p><b>APPLICABLE ONLY TO PWGSC CONTRACTS:</b> The Contract Authority signature is required when the total value of the DND 626 exceeds the threshold specified in the contract.</p> <p><b>NE S'APPLIQUE QU'AUX CONTRATS DE TPSGC :</b> La signature de l'autorité contractante est requise lorsque la valeur totale du formulaire DND 626 est supérieure au seuil précisé dans le contrat.</p>		
_____ for the Department of Public Works and Government Services pour le ministère des Travaux publics et services gouvernementaux		

## Instructions for completing DND 626 - Task Authorization

### Contract no.

Enter the PWGSC contract number in full.

### Task no.

Enter the sequential Task number.

### Amendment no.

Enter the amendment number when the original Task is amended to change the scope or the value.

### Increase/Decrease

Enter the increase or decrease total dollar amount including taxes.

### Previous value

Enter the previous total dollar amount including taxes.

### To

Name of the contractor.

### Delivery location

Location where the work will be completed, if other than the contractor's location.

### Delivery/Completion date

Completion date for the task.

### for the Department of National Defence

Signature of the DND person who has delegated **Authority** for signing DND 626 (level of authority based on the dollar value of the task and the equivalent signing authority in the PAM 1.4). **Note:** the person signing in this block ensures that the work is within the scope of the contract, that sufficient funds remain in the contract to cover this task and that the task is affordable within the Project/Unit budget.

### Services

Define the requirement briefly (attach the SOW) and identify the cost of the task using the contractor's quote on the level of effort. The Task must use the basis of payment stipulated in the contract. If there are several basis of payment then list here the one(s) that will apply to the task quote (e.g. milestone payments; per diem rates/labour category hourly rates; travel and living rates; firm price/ceiling price, etc.). All the terms and conditions of the contract apply to this Task Authorization and cannot be ignored or amended for this task. Therefore it is not necessary to restate these general contract terms and conditions on the DND 626 Task form.

### Cost

The cost of the Task broken out into the individual costed items in **Services**.

### GST/HST

The GST/HST cost as appropriate.

### Total

The total cost of the task. The contractor may not exceed this amount without the approval of DND indicated on an amended DND 626. The amendment value may not exceed 50% (or the percentage for amendments established in the contract) of the original value of the task authorization. The total cost of a DND 626, including all amendments, may not exceed the funding limit identified in the contract.

### Applicable only to PWGSC contracts

This block only applies to those Task Authorization contracts awarded by PWGSC. The contract will include a specified threshold for DND sole approval of the DND 626 and a percentage for DND to approve amendments to the original DND 626. Tasks that will exceed these thresholds must be passed to the PWGSC Contracting Authority for review and signature prior to authorizing the contractor to begin work.

### Note:

Work on the task may not commence prior to the date this form is signed by the DA Authority - for tasks within the DND threshold; and by both DND and PWGSC for those tasks over the DND threshold.

## Instructions pour compléter le formulaire DND 626 - Autorisation des tâches

### N° du contrat

Inscrivez le numéro du contrat de TPSGC en entier.

### N° de la tâche

Inscrivez le numéro de tâche séquentiel.

### N° de la modification

Inscrivez le numéro de modification lorsque la tâche originale est modifiée pour en changer la portée.

### Augmentation/Réduction

Inscrivez le montant total de l'augmentation ou de la diminution, y compris les taxes.

### Valeur précédente

Inscrivez le montant total précédent, y compris les taxes.

### À

Nom de l'entrepreneur.

### Expédié à

Endroit où le travail sera effectué, si celui-ci diffère du lieu d'affaires de l'entrepreneur.

### Date de livraison/d'achèvement

Date d'achèvement de la tâche.

### pour le ministère de la Défense nationale

Signature du représentant du MDN auquel on a délégué le **pouvoir d'approbation** en ce qui a trait à la signature du formulaire DND 626 (niveau d'autorité basé sur la valeur de la tâche et le signataire autorisé équivalent mentionné dans le MAA 1.4). **Nota :** la personne qui signe cette attache de signature confirme que les travaux respectent la portée du contrat, que suffisamment de fonds sont prévus au contrat pour couvrir cette tâche et que le budget alloué à l'unité ou pour le projet le permet.

### Services

Définissez brièvement le besoin (joignez l'ET) et établissez le coût de la tâche à l'aide de la soumission de l'entrepreneur selon le niveau de difficulté de celle-ci. Les modalités de paiement stipulées dans le contrat s'appliquent à la tâche. Si plusieurs d'entre elles sont prévues, énumérez ici celle/celles qui s'appliquera/ront à la soumission pour la tâche à accomplir (p.ex. acompte fondé sur les étapes franchies; taux quotidien ou taux horaire établi selon la catégorie de main-d'œuvre; frais de déplacement et de séjour; prix fixe ou prix plafond; etc.). Toutes les modalités du contrat s'appliquent à cette autorisation de tâche et ne peuvent être négligées ou modifiées quant à la tâche en question. Il n'est donc pas nécessaire de répéter ces modalités générales afférentes au contrat sur le formulaire DND 626.

### Prix

Mentionnez le coût de la tâche en le répartissant selon les frais afférents à chaque item mentionné dans la rubrique **Services**.

### TPS/TVH

Mentionnez le montant de la TPS/TVH, s'il y a lieu.

### Total

Mentionnez le coût total de la tâche. L'entrepreneur ne peut dépasser ce montant sans l'approbation du MDN, formulaire DND 626 modifié à l'appui. Le coût de la modification ne peut pas être supérieur à 50 p. 100 du montant initial prévu dans l'autorisation de tâche (ou au pourcentage prévu dans le contrat pour les modifications). Le coût total spécifié dans le formulaire DND 626, y compris toutes les modifications, ne peut dépasser le plafond de financement mentionné dans le contrat.

### Ne s'applique qu'aux contrats de TPSGC

Le présent paragraphe s'applique uniquement aux autorisations de tâche accordées par TPSGC. On inscrira dans le formulaire DND 626 un plafond précis qui ne pourra être approuvé que par le MDN et un pourcentage selon lequel le MDN pourra approuver des modifications au formulaire DND 626 original. Les tâches dont le coût dépasse ces plafonds doivent être soumises à l'autorité contractante de TPSGC pour examen et signature avant qu'on autorise l'entrepreneur à débiter les travaux.

### Nota :

Les travaux ne peuvent commencer avant la date de signature de ce formulaire par le responsable du MDN, pour les tâches dont le coût est inférieur au plafond établi par le MDN, et par le MDN et TPSGC pour les tâches dont le coût dépasse le plafond établi par le MDN.

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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## ANNEX F - NON-DISCLOSURE AGREEMENT

I, \_\_\_\_\_, recognize that in the course of my work as an employee or subcontractor of \_\_\_\_\_, I may be given access to information by or on behalf of Canada in connection with the Work, pursuant to Contract Serial No. W6399-190451 between Her Majesty the Queen in right of Canada, represented by the Minister of Public Works and Government Services and \_\_\_\_\_, including any information that is confidential or proprietary to third parties, and information conceived, developed or produced by the Contractor as part of the Work. For the purposes of this agreement, information includes but not limited to: any documents, instructions, guidelines, data, material, advice or any other information whether received orally, in printed form, recorded electronically, or otherwise and whether or not labeled as proprietary or sensitive, that is disclosed to a person or that a person becomes aware of during the performance of the Contract.

I agree that I will not reproduce, copy, use, divulge, release or disclose, in whole or in part, in whatever way or form any information described above to any person other than a person employed by Canada on a need to know basis. I undertake to safeguard the same and take all necessary and appropriate measures, including those set out in any written or oral instructions issued by Canada, to prevent the disclosure of or access to such information in contravention of this agreement.

I also acknowledge that any information provided to the Contractor by or on behalf of Canada must be used solely for the purpose of the Contract and must remain the property of Canada or a third party, as the case may be.

I agree that the obligation of this agreement will survive the completion of the Contract Serial No.:

W6399-21LD67

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

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**ANNEX G - COVID-19 Vaccination Requirement Certification**

I, \_\_\_\_\_ (*first and last name*), as the representative of  
\_\_\_\_\_ (*name of business*) pursuant to  
\_\_\_\_\_ (*insert solicitation number*), warrant and certify that all  
personnel that \_\_\_\_\_ (*name of business*) will provide on the  
resulting Contract who access federal government workplaces where they may come into contact with  
public servants will be:

- (a) fully vaccinated against COVID-19;
  - (b) for personnel that are unable to be vaccinated due to a certified medical contraindication, religion or other prohibited grounds of discrimination under the *Canadian Human Rights Act*, subject to accommodation and mitigation measures that have been presented to and approved by Canada; or
  - (c) partially vaccinated against COVID-19 for a period of up to 10 weeks from the date of their first dose and subject to temporary measures that have been presented to and approved by Canada, immediately after which period the personnel will meet the conditions of (a) or (b) or will no longer access federal government workplaces where they may come into contact with public servants under this Contract;
- until such time that Canada indicates that the vaccination requirements of the COVID-19 Vaccination Policy for Supplier Personnel are no longer in effect.

I certify that all personnel provided by \_\_\_\_\_ (*name of business*) have been notified of the vaccination requirements of the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel, and that the \_\_\_\_\_ (*name of business*) has certified to their compliance with this requirement.

I certify that the information provided is true as of the date indicated below and will continue to be true for the duration of the Contract. I understand that the certifications provided to Canada are subject to verification at all times. I also understand that Canada will declare a contractor in default, if a certification is found to be untrue, whether made knowingly or unknowingly, during the bid or contract period. Canada reserves the right to ask for additional information to verify the certifications. Failure to comply with any request or requirement imposed by Canada will constitute a default under the Contract.

Signature: \_\_\_\_\_

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

Optional

For data purposes only, initial below if your business already has its own mandatory vaccination policy or requirements for employees in place. Initialing below **is not** a substitute for completing the mandatory certification above.

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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Initials: \_\_\_\_\_

Information you provide on this Certification Form and in accordance with the Government of Canada's COVID-19 Vaccination Policy for Supplier Personnel will be protected, used, stored and disclosed in accordance with the Privacy Act. Please note that you have a right to access and correct any information on your file, and you have a right to file a complaint with the Office of the Privacy Commissioner regarding the handling of your personal information. These rights also apply to all individuals who are deemed to be personnel for the purpose for the Contract and who require access to federal government workplaces where they may come into contact with public servants.

**ATTACHMENT 1 - FINANCIAL BID PRESENTATION SHEET**

Bidders must submit their financial bid in accordance with Section 3.1.2 “Financial Bid – Bid Preparation Instructions”

- LABOUR:** Firm all-inclusive rates, including profit, Overhead and General & administration (applicable taxes extra), as follows:

NOTE : The Bid evaluation process will take into account both the firm and optional R&D periods of the bid, for a total length of 10 years

**1.1 Initial Contract Period**

Labour Category	Year 1 Award to March 31st 2023	Year 2 April 1 <sup>st</sup> 2023 to March 31st 2024	Year 3 April 1 <sup>st</sup> 2024 to March 31st 2025	Year 4 April 1 <sup>st</sup> 2025 to March 31st 2026	Year 5 April 1 <sup>st</sup> 2026 to March 31st 2027
L1. Team Lead	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L2. Humans Systems Integration Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L3. Ballistics Material Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L4. Industrial Design Specialist	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L5. Software Development Engineer	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L6. Electronics Engineer	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L7. Labour for prototype Helmet production	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr
L8. Labour for subsequent Helmet production	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr	_____ \$/hr

**1.2 Optional Contract Period**

Labour Category	Option 1 April 1 <sup>st</sup> 2027 to March 31st 2028	Option 2 April 1 <sup>st</sup> 2028 to March 31st 2029	Option 3 April 1 <sup>st</sup> 2029 to March 31st 2030	Option 4 April 1 <sup>st</sup> 2030 to March 31st 2031	Option 5 April 1 <sup>st</sup> 2031 to March 31st 2032
L1. Team Lead	_____ \$/hr				
L2. Humans Systems Integration Specialist	_____ \$/hr				

L3. Ballistics Material Specialist	_____ \$/hr				
L4. Industrial Design Specialist	_____ \$/hr				
L5. Software Development Engineer	_____ \$/hr				
L6. Electronics Engineer	_____ \$/hr				
L7. Labour for prototype Helmet production	_____ \$/hr				
L8. Labour for subsequent Helmet production	_____ \$/hr				

**2. MATERIALS, SUPPLIES and EQUIPMENT**

**3. HELMET PRODUCTION - ADDITIONAL COSTS AND PROFIT**

Should Canada move forward with an official request for Helmet production on a later date, unit cost will be negotiated at that time under the cost guidelines specified below.

NOTE: Additional profit cannot be added to hourly labour rates as these already include profit.

**3.1 : Manufacturing of 1<sup>st</sup> Generation Assaulter Helmet**

<b>Cost Components (per unit)</b>	<b>Estimated cost per unit</b>
(C1.1) Total Labour based on the L8 hourly rates identified in section 1 of the Basis of Payment	TBD
(C1.2) Materials at laid down cost without markup	TBD
(C1.3) Expenses including but not limited to: Manufacturing cost, licence fees, packaging and shipping, administrative costs, etc.)	TBD
(C1.4) Profit calculated on materials and expenses but not hourly rates.	TBD
<b>(A1) Total estimated cost per unit (C1.1 + C1.2 + C1.3 + C1.4)</b>	<b>TBD</b>

**3.2 : Manufacturing of 2<sup>nd</sup> Generation Assaulter Helmet**

<b>Cost Components (per unit)</b>	<b>Estimated cost per unit</b>
(C2.1) Total Labour based on the L8 hourly rates identified in section 1	TBD

(C2.2) Materials at laid down cost without markup	TBD
(C2.3) Expenses including but not limited to: Manufacturing cost, licence fees, packaging and shipping, administrative costs, etc.)	TBD
(C2.4) Profit calculated on materials and expenses but not hourly rates.	TBD
<b>(A1) Total estimated cost per unit (C1.1 + C1.2 + C1.3 + C1.4)</b>	<b>TBD</b>

**4. TRAVEL & LIVING:** at laid down cost<sup>1</sup> without markup.

- (a) 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, and private vehicle allowances specified in Appendices B, C and D of the [National Joint Council Travel Directive](#), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees". Canada will not pay the Contractor any incidental expense allowance for authorized travel.
- (b) Canada will not accept any travel and living expenses incurred by the Contractor as a consequence of any relocation of personnel required to satisfy the terms of this Contract.
- (c) All travel must have prior authorization of the Technical Authority. All payments are subject to government audit.
- (d) Travel fees and living expenses will not be reimbursed if the contractor has to travel less than 50km to reach one of the work areas identified in Annex A :
  - o Quebec City area, Quebec (DRDC Valcartier)
  - o Ottawa Area, Ontario
  - o Gatineau Area, Quebec
  - o Medicine Hat Area, Alberta (DRDC Suffield)

**5. LIMITATION OF EXPENDITURE**

<b>Limitation of Expenditure - Initial Contract Period Award to March 31<sup>st</sup> 2027</b>	<b>\$4,100,000.00 (applicable Taxes extra)</b>
Limitation of Expenditure – First optional year <i>April 1<sup>st</sup> 2027 to March 31<sup>st</sup> 2028</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Second optional year <i>April 1<sup>st</sup> 2028 to March 31<sup>st</sup> 2029</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Third optional year <i>April 1<sup>st</sup> 2029 to March 31<sup>st</sup> 2030</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Fourth optional year <i>April 1<sup>st</sup> 2030 to March 31<sup>st</sup> 2031</i>	\$800,000.00 (applicable Taxes extra)
Limitation of Expenditure – Fifth optional year <i>April 1<sup>st</sup> 2031 to March 31<sup>st</sup> 2032</i>	\$800,000.00 (applicable Taxes extra)

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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With the exception of the firm rate(s) and price(s), the amounts shown in the various items specified above are estimates only. Minor changes to these estimates will be accepted for billing purposes as the Work proceeds, provided that these changes have the prior approval of the Technical Authority and provided that the estimated cost does not exceed the aforementioned Limitation of Expenditure.

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## ATTACHMENT 2 - EVALUATION OF PRICE

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

### 1 - Financial Bid

Bidders must submit their financial bid in accordance with Attachment 1 – Financial Bid Presentation Sheet

### 2 - Calculation of bid price

The bid price will be calculated as follows:

**Bid price = Total Cost of labour**

The Total Bid Price will be calculated as set out in sections 3 below.

### 3 - Cost of labour:

The cost of labour will be evaluated on the basis of the following estimated level of effort\*:

*\*The “estimated level of effort” listed in the table are provided solely for the purpose of determining the estimated price for each bid. They represent approximate needs, provided in good faith, and should not be considered as a contractual guarantee.*

Team Lead	10%
Humans Systems Integration Specialist	10%
Ballistics Material Specialist	10%
Industrial Design Specialist	15%
Software Development Engineer	15%
Electronics Engineer	15%
Labour for prototype Helmet production	10%
Labour for Subsequent Helmet production	15%

To establish labour costs, the effort available in terms of hours (see last column in Table 3.1, below) must be determined. The effort available for each resource category will be calculated as follows:

$$\text{Effort available} = \frac{[\text{Total anticipated available funding}] \times [\text{Approximate percentage use}]}{[\text{Average hourly rate for the resource category}]}$$

The cost of labour for a given category (for a given bid) is then obtained by multiplying the effort available by the average hourly rate provided for the given category for the 5 years requested\* (for a given bid).

*\* The hourly rate for a proposed resource that does not meet the minimum scoring requirement for point rated technical criteria or for a proposed resource that does not meet the mandatory technical criteria will not be included in the average hourly rate calculations of the corresponding resource category.*

Lastly, the total cost of labour is calculated by adding the labour costs per category for a given bid.

For example:

- Anticipated funding for the work = \$8,100,000.00
- Percentage of use for Team Lead = 10%
- If the average hourly rate\* for bid A = \$102.50, that for bid B = \$117.50 and that for bid C = \$122.50, then the average hourly rate for the resource category = \$114.17

\* If a bid has more than one proposed resource for the Team Lead category, the average hourly rate for this category will take into account the average hourly rates of all qualified resources.

Therefore,

- Effort available  $\$8,100,000.00 \times 0.10 / \$114.17 = 7,094.89$  hours

and

Labour costs for Team Lead,

Bid A = 7,094.89 hours x \$102.50 = \$727,226.28

- Bid B = 7,094.89 hours x \$117.50 = \$833,649.64
- Bid C = 7,094.89 hours x \$122.50 = \$869,124.09

### 3.1 - Sample price calculations for 3 bids

Table 3.1 – Cost of labour calculation

Resource Categories	%of use	Bid A		Bid B		Bid C		Hours Qty
		Rate A	Price for A	Rate B	Price for B	Rate C	Price for C	
Team Lead	10%	\$102.50	\$727,226.28	\$117.50	\$833,649.64	\$122.50	\$869,124.09	7,904.89
Humans Systems Integration Specialist	10%	\$97.50	\$746,220.47	\$107.50	\$822,755.91	\$112.50	\$861,023.62	7,653.54
Ballistics Material Specialist	10%	\$92.50	\$768,461.54	\$97.50	\$810,000.00	\$102.50	\$851,538.46	8,307.69
Industrial Design Specialist	15%	\$87.50	\$1,004,527.56	\$112.50	\$1,291,535.43	\$117.50	\$1,348,937.01	11,480.31
Software Development Engineer	15%	\$107.50	\$1,274,268.29	\$97.50	\$1,155,731.71	\$102.50	\$1,215,000.00	11,853.66
Electronics Engineer	15%	\$102.50	\$1,255,840.34	\$102.50	\$1,255,840.34	\$92.50	\$1,133,319.33	12,252.10
Labour for prototype production	10%	\$77.50	\$827,802.20	\$67.50	\$720,989.01	\$82.50	\$881,208.79	10,681.32
Labour for subsequent production	15%	\$82.50	\$1,240,051.55	\$72.50	\$1,089,742.27	\$87.50	\$1,315,206.19	15,030.93
<b>TOTAL COST OF LABOUR :</b>			<b>\$7,844,398.22</b>		<b>\$7,980,244.30</b>		<b>\$8,475,357.48</b>	

The “percentages of use” listed in the table are provided solely for the purpose of determining the estimated price for each bid. They represent approximate needs, provided in good faith, and should not be considered as a contractual guarantee.

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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These rates are provided as an example only and must not be interpreted as an indicator of the experience of the labour categories.

**ATTACHMENT 3 - MANDATORY AND POINT RATED TECHNICAL CRITERIA**

**1. GENERAL**

1.1 Purpose

The purpose of this annex is to outline the mandatory and point rated criteria for the evaluation of the Digital Combat Helmet Development contract.

**2. COMPLIANCE MATRIX: MANDATORY REQUIREMENTS**

Table 1: Mandatory Requirements Compliance Matrix

Item #	Mandatory Requirements	Proof of Compliance
1	<p>1) In the last five years, bidder must have sold in large quantities (minimum 2500 or more) of modern, high-cut combat helmet product that was developed by their company to a national government military.</p> <p>Note: A “modern, high-cut combat helmet” is defined as a combat helmet product manufactured using the latest ballistic material, with a cut that permits hearing protection ear cups to be worn with the helmet, and fitted with accessory attachment points such as rails on the sides and a night vision goggle shroud on the front.</p>	<p>1) Bidder has provided documented evidence (i.e.: bill of sale, customer, copy of a signed contract, affidavit, etc.) of a modern, high-cut combat helmet product developed by their company within the last five years and sold in large numbers (minimum 2500) for use by a national government military.</p>
2	<p>1) Bidder must provide documented evidence of being in possession of a functioning prototype helmet mounted visual augmentation system that is capable of the following (at minimum):</p> <ul style="list-style-type: none"> <li>a. The visual augmentation system digitally captures at least two different wavelengths of light using helmet mounted sensors,</li> <li>b. The visual augmentation system carries out fusion of at least two captured wavelengths using some fusion technique,</li> <li>c. The visual augmentation system presents the fused imagery to the user through a near-eye display or displays.</li> <li>d. All functions must occur on the helmet with only power supplied</li> </ul>	<p>1) Bidder has provided a document describing the functional and technical aspects of the prototype helmet mounted visual augmentation system. The documentation must include at minimum:</p> <ul style="list-style-type: none"> <li>a. Number and technical specifications of all head-borne sensors,</li> <li>b. Sensor fusion methodology used,</li> <li>c. Near eye display technical specifications,</li> <li>d. Photographs of the helmet, and its sub-components,</li> <li>e. Photographs of a user wearing the helmet,</li> </ul> <p>Note that this information will be treated as a Protected B document to protect the Bidder’s intellectual property.</p>

	from an off-helmet source (if necessary).	
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### 3. RATED TECHNICAL CRITERIA

Should the bidder's proposal meet the mandatory criteria, proposals will be assigned points during the rated technical criteria evaluation as per below. Points will be awarded in each of the following categories:

CRITERIA CATEGORIES	SCORE
3.1. Five-Eyes countries special operations forces expertise	50 pts
3.2. Personnel	120 pts
3.3. Company Design and Prototyping Capability	150 pts
3.4. Documented Innovation - Demonstrated mTBI Understanding – 15 pts - Demonstrated Sensory Augmentation Understanding– 25 pts - Proposed Project Plan – 30 pts - Relevant mTBI Partnerships – 25 pts	95 pts
<b>TOTAL MAXIMUM SCORE</b>	<b>415 pts</b>

To be considered responsive, bidders must achieve a minimum score of 250 points, of which 65 points must be allocated as per the minimum scores stipulated for the Innovation White Paper described in section 3.4 and 3.5 of this document.

Details for the assessment of each category follows.

#### 3.1 Five-Eyes Special Operations Forces Helmet Expertise

It is preferable that the bidder has expertise producing helmets that have been procured in large quantities (minimum 2500) by one of the five-eyes special operations forces (SOF), which includes the special operations forces of Canada, the United States, the United Kingdom, Australia and New Zealand. This is because these countries work together during operations, share equipment, and consequently are required to utilize equipment with similar performance characteristics and compatibility. In addition, the research conducted under this project has the potential to influence the helmet performance requirements of these nations. Therefore, 50 points will be awarded to bidders that can prove they have sold helmet products in large quantities to one of the five-eyes SOF organizations. Proof of compliance will consist of evidence (i.e.: bill of sale, copy of a contract, customer affidavit, etc.) of an assaulter helmet product developed by their company within the last 5 years and sold in large numbers (minimum 2500 or more) which clearly states for use by special forces, or has a delivery address to a known special forces unit.

#### 3.2 Personnel

Canada's technical evaluation team will evaluate the qualifications and experience of the personnel proposed for each of the labour categories. This evaluation will be based on material provided by the bidder and must consist of at minimum a resume and a cover letter outlining relevant training (eg: course title, course description, course dates), work experience (job title, job description, start and end dates), project experience (project title, project goal, dates) and other relevant qualifications for each person.

Resources proposed without a resume and a cover letter will not be evaluated. Beyond the resume and cover letter, other documentation such as copies of certificates, degrees, diplomas, or course reports can be submitted to support the resume and cover letter as well.

All elements for a given score level must be met to receive the points allocated for that level. There will be no points awarded between the score levels identified in the evaluation criteria.

The bidder must list one resource per labour category for purposes of this evaluation. If the same person is listed in more than one labour category, they will be assessed for all categories for which they are listed.

For the purposes of this evaluation, Table 2 lists what Canada considers to be relevant degrees, both undergraduate and graduate, for each of the specialist technical labour categories. However, other degrees may also be acceptable depending on course content. Canada reserves the right to review the course curriculum of other degrees to determine if they are relevant which will be done during the bid evaluation period only. Therefore, if the bidder proposes a resource with a different degree than listed, they must also provide the transcript of courses with the bid so Canada can determine suitability.

Table 2: Relevant Degrees for Each Labour Category

Human Systems Integration Specialist	Ballistics Materials Specialist	Industrial Design Specialist	Software Engineer	Electronics Engineer
Human Factors	Materials Engineering	Industrial Design	Computer Sciences	Electronics Engineer
Human Systems Integration	Chemical Engineering	Industrial Engineering	Software Engineering	Mechanical-Electrical Engineer
Human Computer Interaction	Mechanical Engineering	Systems Engineering		Systems Engineer
Ergonomics	Forensic Ballistics	Mechanical Engineering		
Engineering Psychology	Physics			
Human Factors Engineering	Chemistry			
Industrial Engineering				
Kinesiology				

Table 3 provides the scoring matrix for this portion of the evaluation. This portion of the evaluation is worth a maximum of 120 points.

Table 3: Personnel Rated Technical Evaluation Scoring Matrix

Team Lead		Max 120 Pts
Team Lead Qualifications		Max 10 Pts
The Bidder should identify the project management qualifications of the team lead who will be assigned to this requirement and	<b>10 – Excellent.</b> The bidder has demonstrated that team lead has a project management certification from a recognized project management training institution.	

<p>support those qualifications with documentation.</p>	<p><b>5 – Good.</b> The bidder has demonstrated that team lead is working toward a project management certification (eg: taking project management courses) but has not yet received it.</p> <p><b>0 – Poor.</b> The team lead has no project management training and are not certified.</p>	
<p><b>Team Lead Experience</b></p>		<p><b>Max 10 Pts</b></p>
<p>The Bidder should provide documentation that demonstrates the experience of the identified team lead in managing military equipment development programs.</p>	<p><b>10 – Excellent.</b> The Bidder has demonstrated that proposed team lead has more than 5 years’ experience leading military equipment development programs.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that proposed team lead has 3 to 5 years’ experience leading military equipment development programs.</p> <p><b>0 – Poor.</b> The Bidder has demonstrated that proposed team lead has less than 3 years’ experience leading military equipment development programs.</p>	
<p><b>Human System Integration Specialist Qualifications</b></p>		<p><b>Max 10 Pts</b></p>
<p>The Bidder should identify the qualifications of the human system integration specialist and support those qualifications with documentation.</p>	<p><b>10 – Excellent.</b> The bidder has demonstrated that the human system integration specialist has a relevant degree at the graduate level (Master’s degree or PhD).</p> <p><b>5 – Good.</b> The bidder has demonstrated that the human system integration specialist has a relevant degree at the undergraduate level.</p> <p><b>0 – Poor.</b> The bidder has not demonstrated that the human system integration specialist has a relevant degree.</p>	
<p><b>Human System Integration Specialist Experience</b></p>		<p><b>Max 10 Pts</b></p>
<p>The Bidder should provide documentation that demonstrates the experience of the proposed human system integration specialist in working on combat helmet development programs.</p>	<p><b>10 – Excellent.</b> The Bidder has demonstrated that the human system integration specialist has 5 or more years’ experience providing human factors or HSI support to combat helmet development programs.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that the human system integration specialist has between 3 to 5 years’ experience providing human factors or HSI support to combat helmet development programs.</p>	

	<b>0 – Poor.</b> The Bidder has demonstrated that the human system integration specialist has less than 3 years’ experience providing human factors or HSI support to combat helmet development programs.	
<b>Ballistic Materials Specialist Qualifications</b>		<b>Max 10 Pts</b>
The Bidder should identify the qualifications of the ballistic materials specialist and support those qualifications with documentation.	<p><b>10 – Excellent.</b> The bidder has demonstrated that the ballistic materials specialist has a relevant degree at the graduate level (Master’s degree or PhD).</p> <p><b>5 – Good.</b> The bidder has demonstrated that the ballistic materials specialist has a relevant degree at the undergraduate level.</p> <p><b>0 – Poor.</b> The bidder has not demonstrated that the ballistic materials specialist has a relevant materials sciences degree.</p>	
<b>Ballistic Materials Specialist Experience</b>		<b>Max 10 Pts</b>
The Bidder should provide documentation that demonstrates the experience of the ballistic materials specialist in working on the development of combat helmet development programs.	<p><b>10 – Excellent.</b> The Bidder has demonstrated that the ballistic materials specialist has 5 or more years’ experience working as a ballistic materials specialist in combat helmet development programs.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that the ballistic materials specialist has between 3 to 5 years’ experience working as a ballistic materials specialist in combat helmet development programs.</p> <p><b>0 – Poor.</b> The Bidder has demonstrated that proposed ballistic materials specialist has less than 3 years’ experience working as a ballistic materials specialist in combat helmet development programs.</p>	
<b>Industrial Design Specialist Qualifications</b>		<b>Max 10 Pts</b>
The Bidder should identify the qualifications of the industrial design specialist and support those qualifications with documentation.	<p><b>10 – Excellent.</b> The bidder has demonstrated that the industrial design specialist has a relevant degree at the graduate level (Master’s degree or PhD).</p> <p><b>5 – Good.</b> The bidder has demonstrated that the industrial design specialist has a relevant degree at the undergraduate level.</p> <p><b>0 – Poor.</b> The bidder has not demonstrated that the industrial design specialist has a relevant degree.</p>	
<b>Industrial Design Specialist Experience</b>		<b>Max 10 Pts</b>

<p>The Bidder should provide documentation that demonstrates the experience of the proposed industrial design specialist in working on combat helmet development programs.</p>	<p><b>10 – Excellent.</b> The Bidder has demonstrated that proposed industrial design specialist has 5 or more years’ experience performing industrial design work for military personal protective equipment development programs.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that proposed industrial design specialist has between 3 to 5 years’ experience performing industrial design work for military personal protective equipment development programs.</p> <p><b>0 – Poor.</b> The Bidder has demonstrated that proposed industrial design specialist has less than 3 years’ experience performing industrial design work for military personal protective equipment development programs.</p>	
<p><b>Software Design Engineer Qualifications</b></p>		<p>Max 10 Pts</p>
<p>The Bidder should identify the qualifications of the Software Design Engineer and support those qualifications with documentation.</p>	<p><b>10 – Excellent.</b> The bidder has demonstrated that the Software Design Engineer has a relevant degree at the graduate level (Master’s degree or PhD).</p> <p><b>5 – Good.</b> The bidder has demonstrated that the Software Design Engineer has a relevant degree at the undergraduate level.</p> <p><b>0 – Poor.</b> The bidder has not demonstrated that the industrial design specialist has a relevant degree.</p>	
<p><b>Software Design Engineer Experience</b></p>		<p>Max 10 pts</p>
<p>The Bidder should provide documentation that demonstrates the experience of the proposed Software Design Engineer in working on dismounted soldier computational systems.</p>	<p><b>10 – Excellent.</b> The Bidder has demonstrated that proposed Software Design Engineer has 5 or more years’ experience performing software engineering work for dismounted soldier computational systems.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that proposed Software Design Engineer has between 3 to 5 years’ experience performing software engineering work for dismounted soldier computational systems.</p> <p><b>0 – Poor.</b> The Bidder has demonstrated that proposed Software Design Engineer has less than 3 years’ experience performing software engineering work for dismounted soldier computational systems.</p>	

Electronics Engineer Qualifications		Max 10 Pts
The Bidder should identify the qualifications of the Electronics Engineer and support those qualifications with documentation.	<p><b>10 – Excellent.</b> The bidder has demonstrated that the Electronics Engineer has a relevant degree at the graduate level (Master’s degree or PhD).</p> <p><b>5 – Good.</b> The bidder has demonstrated that the Electronics Engineer has a relevant degree at the undergraduate level.</p> <p><b>0 – Poor.</b> The bidder has not demonstrated that the Electronics Engineer has a relevant degree.</p>	
Electronics Engineer Experience		Max 10 pts
The Bidder should provide documentation that demonstrates the experience of the proposed Electronics Engineer in working on dismantled soldier electronics systems.	<p><b>10 – Excellent.</b> The Bidder has demonstrated that proposed Electronics Engineer has 5 or more years’ experience performing engineering work on dismantled soldier electronics systems.</p> <p><b>5 – Good.</b> The Bidder has demonstrated that proposed Electronics Engineer has 3 to 5 years’ experience performing engineering work on dismantled soldier electronics systems.</p> <p><b>0 – Poor.</b> The Bidder has demonstrated that proposed Electronics Engineer has less than 3 years’ experience performing engineering work on dismantled soldier electronics systems.</p>	

**3.3 - Bidder Design and Prototyping Capability**

The DND technical evaluation team will evaluate the capability of the company and any affiliates identified in the bid documents to undertake digital combat helmet design and prototyping. The bidder is free to list multiple capabilities under each sub-category, but will not receive additional points for that category if more than one capability is listed. Table 3 below provides the scoring matrix that will be used to conduct the evaluation. This portion of the evaluation is worth a maximum of 150 points.

Table 3: Company Design and Prototyping Capability Rated Technical Evaluation Scoring Matrix

Company Design and Prototyping Capability		Max 150 Pts
The bidder should list all tools and facilities currently available to the bidder at time of bid solicitation that would be used to conduct developmental work of helmet systems under this contract. This should include at least one of each of the following:	<p>150 –The bidder has listed at least one capability in all fifteen of the sub-categories listed.</p> <p>140 –The bidder has listed at least one capability in all fourteen of the sub-categories listed.</p>	

<ol style="list-style-type: none"> <li>1. In-house knowledge management;</li> <li>2. Design software suites or licenses;</li> <li>3. Programming software suites;</li> <li>4. ATAK software development capability.</li> <li>5. Circuit board manufacturing facilities;</li> <li>6. Electronics manufacturing facilities;</li> <li>7. Additive manufacturing facilities;</li> <li>8. Machining facilities;</li> <li>9. Injection molding facilities;</li> <li>10. Ballistic eyewear manufacturing facilities;</li> <li>11. Textile manufacturing facilities;</li> <li>12. Impact or ballistic testing facilities;</li> <li>13. Physical parameter testing facilities; and</li> <li>14. Biophysical measurement facilities or equipment;</li> <li>15. Evidence of First Article Testing (FAT) approval on a major helmet program.</li> </ol>	<p>130 –The bidder has listed at least one capability in thirteen of the sub-categories listed.</p> <p>120 –The bidder has listed at least one capability in twelve of the sub-categories listed.</p> <p>110 –The bidder has demonstrated at least one capability in eleven of the sub-categories listed.</p> <p>100 –The bidder has demonstrated at least one capability in ten of the sub-categories listed.</p> <p>90 –The bidder has demonstrated at least one capability in nine of the sub-categories listed.</p> <p>80 –The bidder has demonstrated at least one capability in eight of the sub-categories listed.</p> <p>70 –The bidder has demonstrated at least one capability in seven of the sub-categories listed.</p> <p>60 –The bidder has demonstrated at least one capability in six of the sub-categories listed.</p> <p>50 –The bidder has demonstrated at least one capability in five of the sub-categories listed.</p> <p>40 –The bidder has demonstrated at least one capability in four of the sub-categories listed.</p> <p>30 –The bidder has demonstrated at least one capability in three of the sub-categories listed.</p>	
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	<p>20 –The bidder has demonstrated at least one capability in two of the sub-categories listed.</p> <p>10 –The bidder has demonstrated at least one capability in one of the sub-categories listed.</p> <p>0 –The bidder has not demonstrated capability in any of the sub-categories listed.</p>	
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### 3.4 Company Innovation White Paper

The DND technical evaluation team will evaluate the company’s understanding of the technical and human system integration challenges associated with designing a digital combat helmet that provides blast, blunt impact, and ballistic protection, minimizes mTBI aspects of the same, provides protection to the wearer’s eyes, ears and respiratory systems and at the same time improving the ability of the soldier to sense, collate and respond to information in the battle space in both daylight and dark environments. The bidder will prove their ability to do so through the generation of a white paper consisting of 4 sections as follows:

**Section 1: Soldier Protection** – In this section the bidder should demonstrate their understanding of the battlefield sources, the technical challenges and the human system integration challenges of providing modular integrated protection to the soldier against the following threats:

- Ballistic protection against high-energy fragments and small caliber bullets,
- Protection against blunt impact as it relates to mTBI,
- Protection against low-level repetitive blast over pressure as it relates to mTBI,
- Integrated hearing protection,
- Integrated respiratory protection, and;
- Integrated eye protection.

**Section 2: Soldier Sensory Augmentation** – In this section the bidder will demonstrate their understanding of the technical and human system integration challenges of using head-borne sensors to collect multiple wavelengths of the electromagnetic spectrum, processing this data to conduct fusion of the captured wavelengths, and presenting this information to the soldier through a helmet-mounted, near-eye display.

**Section 4: Developmental Plan** – In this section, the bidder will demonstrate the ability of their company to plan for and innovate toward a phased solution through generation of a project plan that solves the challenges outlined in sections 1 and 2. The project plan should be as detailed as possible, must provide research methods, partnerships or technologies that will overcome the challenges discussed in section 1 and 2, and must incorporate iterative prototype development and testing (to include user testing). The plan must result in development of a helmet design incorporating optimized soldier protection within 5 years, and optimized soldier sensory augmentation within 10 years.

**Section 4: Partnerships** – In this section, the bidder will demonstrate their company’s currently active partnerships with other organizations conducting research on ballistic, blast, and blunt impact protection and mTBI reduction in helmet systems. Note, “procured services” such as laboratory or technical test reports will not be considered documented evidence of a partnership between the bidder and another organization.

**3.5 Innovation White Paper Scoring**

To score Sections 1 to 3 of the white paper, the members of the DND technical evaluation team will independently indicate their level of agreement, as per the likert-type scale in Table 4, with each of the statements in Table 5 below for each bidder.

Table 4: Evaluator Level of Agreement Likert-Type Scale

Strongly Disagree (SD)	Disagree (D)	Neutral (N)	Agree (A)	Strongly Agree (SA)
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Table 5: Company Innovation Technical Evaluation Scoring Matrix

Max 70 Points	Statement	SD	D	N	A	SA
Section 1 (max 15 points)	The bidder has demonstrated a clear understanding of the technical challenges of providing integrated ballistic, blunt impact, low-level blast, hearing, respiratory and eye protection to dismounted soldiers.	O	O	O	O	O
	The bidder has demonstrated a clear understanding of the human system integration challenges of providing integrated ballistic, blunt impact, low-level blast, hearing, respiratory and eye protection to dismounted soldiers.	O	O	O	O	O
	The bidder has referenced valid engineering, scientific and medical reports in established journals in support of their answer.	O	O	O	O	O
Section 2 (Max 25 points)	The bidder has demonstrated a clear understanding of the technical challenges surrounding the provision of sensory augmentation systems for dismounted soldiers.	O	O	O	O	O
	The bidder has demonstrated a clear understanding of the technical challenges of using machine learning algorithms to optimize data management for dismounted soldier sensory augmentation systems.	O	O	O	O	O
	The bidder has demonstrated a clear understanding of the technical challenges of optimizing multi-sensor fusion techniques to provide the best output in a dynamic lighting environment.	O	O	O	O	O
	The bidder has demonstrated a clear understanding of the human system integration challenges surrounding provision of sensory augmentation systems for dismounted soldiers.	O	O	O	O	O
	The bidder has referenced valid engineering, scientific and medical reports in established journals in support of their answer.	O	O	O	O	O

Section 3  (max 30 points)	The bidder has provided a draft plan that leads to a helmet design which optimizes integrated soldier head protection in 5 years.	0	0	0	0	0
	The bidder has provided a draft plan that leads to a helmet design that incorporates integrated soldier head protection, and also optimizes a complete sensory augmentation system in 10 years.	0	0	0	0	0
	The bidder's draft plan has a realistic timeline.	0	0	0	0	0
	The bidder's draft plan has achievable milestones.	0	0	0	0	0
	The bidder's plan incorporates clearly defined research and development.	0	0	0	0	0
	The bidder's draft plan has demonstrated an iterative cycle of prototype development followed by testing and evaluation, including user testing.	0	0	0	0	0

Following independent evaluation, the DND technical evaluation team will hold consensus meetings to determine a final rating for each statement. From this consensus meeting score, the number of Strongly Disagree, Disagree, Neutral, Agree and Strongly Agree ratings will be counted. These counts will then be multiplied by the following values:

Rating	Multiplier
Strongly Disagree	0
Disagree	0
Neutral	1
Agree	3
Strongly Agree	5

The final scores for Sections 1 to 4 are then summed for each bidder.

To evaluate Section 4: Partnerships, the bidder will receive 5 points for every documented relationship established with an industrial, medical or academic research partner involved in researching ballistics protection, blast protection, blunt trauma protection and how these relate to mitigation of mild traumatic brain injury. Points will only be awarded for research relationships that are in existence at time of RFP publication (eg: documents must have a start date prior to RFP publication, and must have an end-date after RFP publication). In addition, documents must indicate that research work is shared between the partners, and that the work is currently ongoing. Example documents could be R&D contracts, service level agreements, joint research projects with academia or other industry, etc. Note that documents specifying a straight procurement of engineering or test services (eg: test and evaluation reports) are not considered a developmental research partnership for the purposes of this bid evaluation.

The points from this section will be added to the summed points for Sections 1 to 3 outlined above to give an overall white paper score.

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
File No. - N° du dossier  
QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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The maximum score achievable for the white paper is 95 points. To be considered eligible, the bidder must achieve a minimum score for each section of the white paper as follows:

Section 1: 5 Points

Section 2: 5 Points

Section 3: 30 Points

Section 4: 20 Points

**Total Minimum Score: 60 Points**

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#### **ATTACHMENT 4 - FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION**

I, the Bidder, by submitting the present information to the Contracting Authority, certify that the information provided is true as of the date indicated below. The certifications provided to Canada are subject to verification at all times. I understand that Canada will declare a bid non-responsive, or will declare a contractor in default, if a certification is found to be untrue, whether during the bid evaluation period or during the contract period. Canada will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply with any request or requirement imposed by Canada may render the bid non-responsive or constitute a default under the Contract.

For further information on the Federal Contractors Program for Employment Equity visit [Employment and Social Development Canada \(ESDC\) – Labour's](#) website.

Date: \_\_\_\_\_ (YYYY/MM/DD) (If left blank, the date will be deemed to be the bid solicitation closing date.)

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a [federally regulated employer](#) being subject to the [Employment Equity Act](#).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 permanent full-time and/or permanent part-time employees.

A5. The Bidder has a combined workforce in Canada of 100 or more employees; and

- A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.
- OR**
- A5.2. The Bidder certifies having submitted the [Agreement to Implement Employment Equity \(LAB1168\)](#) to ESDC-Labour. As this is a condition to contract award, proceed to completing the form Agreement to Implement Employment Equity (LAB1168), duly signing it, and transmit it to ESDC-Labour.

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

**OR**

- B2. The Bidder is a Joint venture and each member of the Joint Venture must provide the Contracting Authority with a completed annex Federal Contractors Program for Employment Equity - Certification. (Refer to the Joint Venture section of the Standard Instructions)

Solicitation No. - N° de l'invitation  
W6399-21LD67/B  
Client Ref. No. - N° de réf. du client  
W6399-21-LD67

Amd. No. - N° de la modif.  
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QCL-0-43142

Buyer ID - Id de l'acheteur  
QCL052  
CCC No./N° CCC - FMS No./N° VME

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## **ATTACHMENT 5 - ELECTRONIC PAYMENT INSTRUMENTS**

The Bidder accepts to be paid by any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)