Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

Part - Partie 1 of - de 2
See Part 2 for Clauses and Conditions
Voir Partie 2 pour Clauses et Conditions

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions - TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT
MODIFICATION DE L'INVITATION

The referenced document is hereby revised; unless otherwise indicated, all other terms and conditions of the Solicitation remain the same.

Ce document est par la présente révisé; sauf indication contraire, les modalités de l'invitation demeurent les mêmes.

Title - Sujet	
TASK BASED SERV. (TBIPS SUP. ARR.)	
Solicitation No. - N° de l'invitation	**Amendment No. - N° modif.**
W8486-141066/B	004
Client Reference No. - N° de référence du client	**Date**
W8486-141066	2015-02-18

GETS Reference No. - N° de référence de SEAG
PW-$$ZM-384-28436

File No. - N° de dossier	**CCC No./N° CCC - FMS No./N° VME**
384zm.W8486-141066	

Solicitation Closes - L'invitation prend fin		**Time Zone** **Fuseau horaire**
at - à	**02:00 PM**	Eastern Standard Time EST
on - le	**2015-02-27**	

F.O.B. - F.A.B.

Plant-Usine: ☐   Destination: ☐   Other-Autre: ☑

Address Enquiries to: - Adresser toutes questions à:	**Buyer Id - Id de l'acheteur**
Beaudoin, Michael	384zm
Telephone No. - N° de téléphone	**FAX No. - N° de FAX**
(819) 956-0300 ( )	(819) 956-1207

Destination - of Goods, Services, and Construction:
Destination - des biens, services et construction:

Comments - Commentaires

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

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	**Delivery Offered - Livraison proposée**

Issuing Office - Bureau de distribution

Informatics Professional Services Division / Division des services professionnels en informatique
11 Laurier St., / 11, rue Laurier
3C2, Place du Portage
Gatineau
Québec
K1A 0S5

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

Telephone No. - N° de téléphone
Facsimile No. - N° de télécopieur

Name and title of person authorized to sign on behalf of Vendor/Firm (type or print)
Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)

Signature   **Date**

Canada

Solicitation No. - N° de l'invitation	Amd. No. - N° de la modif.	Buyer ID - Id de l'acheteur
W8486-141066/B	004	384zm
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SOLICITATION AMENDMENT 004

This amendment is raised to:

> **1) incorporate questions and answers into the Solicitation.**

> **2) include an updated versionof the RFP incorporating the changes made during the solicitation process**

1) Please include the following Questions and Answers:

Question 25 In amendment 2, in the answer to question 6: Please confirm this is the same Paradigm Framework from the DLCSPM Architecture Working Group (AWG) whitepaper that was worked on collaboratively by a number OEMs and the same applications listed that have been tested by SimFront, Adga, Raytheon, Maclyn, GD, SEA, C4ISTR, Thales, and Larus? If the Crown is reluctant to say exactly which companies have performed these services in the past please just confirm this is the same widely distributed Paradigm Framework (and associated simulation applications).

Answer:

The omission of these additional companies was an error. Canada confirms that it is referencing the Paradigm Framework from the DLCSPM Architecture Working Group (AWG) whitepaper. Many companies have worked with the Paradigm Framework including:

- SimFront
- Adga
- Thales and subcontractors
- CAE
- Raytheon
- Larus
- General Dynamics
- C4ISTR
- Maclyn
- SEA

Question 26: From amendment 2: *"Paradigm is the software framework upon which the VCCI, CAMX, Moving Map Display (MMD) and Military Aerodrome Control Unit (MACU) applications are built. Both incumbents (ADGA and SimFront) have worked with the Paradigm framework."* Given that there are several software framework for software development applications, please confirm that CANADA would accept equivalent framework to Paradigm Software Framework for the Tester (A.11) Simulation Level 1 rated Requirement R1?

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Answer:

Canada confirms that Tester (A.11) Simulation Level 1 specifies that any **Software Framework** satisfies the requirement and gives Paradigm as an example.

Question 27: <u>Project Manager (P.9) Level 3</u>. Rated requirements R4: "Demonstrated experience configuring and troubleshooting DIS settings to establish DIS federations". Given that expertise for the development of networked simulation solutions can be obtained with architecture for distributed computer simulation than DIS; please confirm that CANADA will accept HLA and other industry standards as equivalent evaluation criteria?

Answer:

Canada will accept HLA and other industry standards for simulation for the Project Manager (P.9) Level 3. Rated requirement R4.

Question 28: From amendment 2: *"This term was constructed for this RFP. DND has an operation requirement to develop, modify and support the Virtual Command and Control Interface, therefore it is looking for a company who has worked on software that fits the Simulated to Live Interface (STLI) Software description. This definition was written in order to not limit the rated criteria experience descriptions to only include VCCI and to allow other companies to show that they have worked on software similar to VCCI. As can be seen in Annex A Figure 1 – VCCI Supported Interfaces, VCCI has many interfaces including the ones listed in the Simulated to Live Interface (STLI) description. In order to not limit the requirement to only VCCI, most of the interfaces in Figure 1 were not included in the STLI description."* Can CANADA provide examples of applications similar to VCCI that fits the Simulated to Live Interface (STLI) Software definition?

Answer:

Common Simulation Framework (CSF) developed by SEA and WISE Connectivity developed by SAAB are examples of applications that fit the Simulated to Live Interface (STLI) Software definition.

Question 29 Would the CANADA consider amending the solicitation closing date to 6 March 2015? The additional time is required given the complexity and the amended requirements for the RFP and would increase the competitiveness of all proposals submitted.

Answer:

Due to operational requirements, Canada is not in a position to provide an extension.

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> **Question 30** In previous DND RFPs, there is almost always a minimum point score in the rated criteria. In this RFP there is no minimum point score for any of the categories. Please confirm this is not an error?

Answer:

Canada confirms that this is not an error.

> **Question 31** In our experience, previous DND RFPs have cited at least the programming languages, technologies, databases, libraries, Operating Systems, environments and tools required to perform the job **in the mandatory criteria**. In this RFP the mandatory criteria get no more specific than "military simulation software development field" and that is only in a few of the categories. The number of mandatory criteria typically used in previous DND TBIPS RFPs far exceeds the **average of 1.75 mandatory criteria** per category in this RFP. In section 5.3. of the SOW, a Programmer/Analyst (A.7) [**VBS**] — Level 2 is expected to be able to: "Create, modify, improve, maintain and extend Virtual BattleSpace (VBS) Plug-In source" code, "Develop, test and implement systems or adaptors which interface with VBS", etc. However, when we look at the only mandatory criteria for this position (M1 and M2) there is no mention of demonstrated experience creating, modifying, improving or extending VBS plug-ins, interfacing with VBS, knowing anything about VBS, or having written software. We can see a considerable amount of work was invested in the rated criteria to give points for similar technologies, but with the mandatories as they are written now, a compliant resource for this category could have zero VBS experience, and not have written software at all (working in a software development field could mean testing, documenting, etc). In our experience, previous DND RFPs with Programmer/Analyst categories typically have serval more mandatory requirements citing the technologies (programming languages, frameworks, tools, etc) required to do the work in the SOW. We would suggest inserting, at the very least, mandatory criteria such as:

M3	A minimum of five (5) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in java or C++ within the last ten (10) years.			
M4	A minimum of five (5) years of demonstrated work experience creating military simulation software that interfaces with VBS (or any other virtual simulation) within the last ten (10) years.			

Answer:

Canada has reviewed your suggestion. In order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

Solicitation No. - N° de l'invitation	Amd. No. - N° de la modif.	Buyer ID - Id de l'acheteur
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Question 32: In section 5.4. of the SOW, a Programmer/Analyst (A.7) [**JCATS**] — Level 3 is expected to be able to: "Develop, test and implement systems or adaptors which interface with JCATS". The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience developing, testing, or implementing systems or adaptors which interface with JCATS, knowing anything about JCATS, or having written code at all. One would expect, if the work was Military Command Software Centre related there would be several more mandatory requirements for a Level 3 Programmer/Analyst. If adjustments are not made a compliant resource for this category could have zero JCATS experience, and not have written a single line of code. We would suggest inserting mandatory criteria such as:

M3A minimum of five (5) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in java within the last ten (10) years.M4A minimum of five (5) years of demonstrated work experience creating military simulation software that interfaces with JCATS (or any other entity-level constructive simulation) within the last ten (10) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

Question 33: In section 5.5. of the SOW, a Programmer/Analyst (A.7) [**SimSpeak**] — Level 3 is expected to be able to: "Modify, improve, maintain and extend SimSpeak" and "Implement systems or adaptors which interface with SimSpeak". The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience modifying SimSpeak or implementing systems or adaptors which interface with SimSpeak, experience with SimSpeak, or having written code at all. One would expect, based on previous DND RFPs, Enterprise Information Management Services would have several additional mandatory requirements. We would suggest inserting mandatory criteria such as: M3A minimum of five (5) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in C++ within the last ten (10) years.M4A minimum of five (5) years of demonstrated work experience implementing SimSpeak code (or code for any other audio military simulation) within the last ten (10) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

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W8486-141066/B	004	384zm
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Question 34: In section 5.6. of the SOW, a System Analyst (A.8) [**ABACUS**] — Level 3 is expected to be able to: "Implement systems or adaptors which interface with ABACUS", "Develop requirements, feasibility, cost, design, and specification documents", etc. The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience implementing systems or adaptors which interface with ABACUS, experience with ABACUS, or having written software. Without citing specific DND RFPs, generally one would expect System Analyst positions to have many more mandatory criteria. We would suggest inserting mandatory criteria such as:

M3A minimum of five (5) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in java within the last ten (10) years.M4A minimum of five (5) years of demonstrated work experience implementing military simulation code that interfaces with ABACUS (or any other aggregate constructive simulation) within the last ten (10) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

Question 35: In section 5.7. of the SOW, a System Analyst (A.8) [**JSAF**] — Level 3 is expected to be able to: "Modify, improve, maintain and extend JSAF source code", "Implement systems or adaptors which interface with JSAF", etc. The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience implementing systems or adaptors which interface with JSAF, experience with JSAF, or having written software. In previous DND RFPs, the mandatory criteria cite the technologies and the skills required to perform the work outlined in the SOW. We would suggest inserting mandatory criteria such as:
M3A minimum of five (5) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in C++ or java within the last ten (10) years.M4A minimum of five (5) years of demonstrated work experience creating/modifying JSAF source code (or modifying/configuring any other constructive simulations or STLI software) within the last ten (10) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

Solicitation No. - N° de l'invitation	Amd. No. - N° de la modif.	Buyer ID - Id de l'acheteur
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Question 36 In section 5.14. of the SOW, a **Technology Architect** (I.11) [Simulation] — Level 3 is expected to be able to: "Develop simulation technical architectures, frameworks and strategies", perform "integration of all aspects of simulation", etc. The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience developing simulation technical architectures, or even having written software. We would suggest inserting mandatory criteria such as:
M3A minimum of fifteen (15) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in C++ or java within the last twenty (20) years.M4A minimum of fifteen (15) years of demonstrated work experience developing simulation technical architectures and frameworks (or any other software technical architectures and frameworks) within the last twenty (20) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

Question 37: In section 5.15. of the SOW, **Enterprise Architect** (P.2) [Simulation] — Level 3 is expected to be able to: "Assess the feasibility of migrating from the current state to the target simulation architecture and enabling technologies", "Identify simulation and technology trends", etc. The mandatory criteria for this position (M1 and M2) do not mention demonstrated experience assessing simulation technical enabling technologies, or even having written software. We would suggest inserting mandatory criteria such as:
M3A minimum of fifteen (15) years of demonstrated work experience creating non-trivial software (more than 5,000 Non-Commented Lines Of Code (NLOCs)) in C++ or java within the last twenty (20) years.M4A minimum of fifteen (15) years of demonstrated work experience assessing simulation enabling technologies (or any other software enabling technologies) within the last twenty (20) years.

Answer:

Canada has reviewed your suggestion, in order to maintain an open, fair and transparent procurement process, Canada will not incorporate your suggestion.

2) Please include the updated version of the RFP incorporating previous changes made during the Solicitation process.

ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME

Public Works and Government Services Canada

Travaux publics et Services gouvernementaux Canada

RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:

Bid Receiving - PWGSC / Réception des soumissions - TPSGC
11 Laurier St. / 11, rue Laurier
Place du Portage, Phase III
Core 0B2 / Noyau 0B2
Gatineau
Québec
K1A 0S5
Bid Fax: (819) 997-9776

REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION

Proposal To: Public Works and Government Services Canada

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

Proposition aux: Travaux Publics et Services Gouvernementaux Canada

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

Comments - Commentaires

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

Issuing Office - Bureau de distribution
Informatics Professional Services Division / Division des services professionnels en informatique
11 Laurier St., / 11, rue Laurier
3C2, Place du Portage
Gatineau
Québec
K1A 0S5

Title - Sujet		
TASK BASED SERV. (TBIPS SUP. ARR.)		

Solicitation No. - N° de l'invitation	Date	
W8486-141066/B	2015-02-05	

Client Reference No. - N° de référence du client
W8486-141066

GETS Reference No. - N° de référence de SEAG

File No. - N° de dossier	CCC No./N° CCC - FMS No./N° VME
384zm.W8486-141066	

Solicitation Closes - L'invitation prend fin	Time Zone Fuseau horaire
at - à 02:00 PM	Eastern Standard Time EST
on - le 2015-02-27	

F.O.B. - F.A.B.
Plant-Usine: ☐   Destination: ☑   Other-Autre: ☐

Address Enquiries to: - Adresser toutes questions à:	Buyer Id - Id de l'acheteur
Beaudoin, Michael	384zm

Telephone No. - N° de téléphone	FAX No. - N° de FAX
(819) 956-0300 ( )	(819) 956-1207

Destination - of Goods, Services, and Construction:
Destination - des biens, services et construction:

Specified Herein
Précisé dans les présentes

Instructions: See Herein

Instructions: Voir aux présentes

Delivery Required - Livraison exigée	Delivery Offered - Livraison proposée
See Herein	

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

Telephone No. - N° de téléphone
Facsimile No. - N° de télécopieur

Name and title of person authorized to sign on behalf of Vendor/Firm (type or print)
Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)

Signature   **Date**

Canada

BID SOLICITATION

FOR A CONTRACT AGAINST A SUPPLY ARRANGEMENT FOR TASK-BASED IN INFORMATICS PROFESSIONAL SERVICES (TBIPS)

FOR DEPARTMENT OF NATIONAL DEFENSE

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BID SOLICITATION

FOR A CONTRACT AGAINST A SUPPLY ARRANGEMENT FOR TASK-BASED IN INFORMATICS PROFESSIONAL SERVICES (TBIPS)

FOR

DEPARTMENT OF NATIONAL DEFENSE

PART 1 - GENERAL INFORMATION

1.1   Introduction

This bid solicitation cancels and supersedes previous bid solicitation number W8486-141066/A dated January 7, 2015 with a closing date of February 20, 2015 at 2:00 PM.

This document states terms and conditions that apply to this bid solicitation **W8486-141066/B** It is divided into seven parts plus annexes and attachments 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 and states that the Bidder agrees to be bound by the clauses and conditions contained in all parts of 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, if applicable, and the basis of selection;

Part 5   Certifications: includes the certifications 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 the Statement of Work, the Basis of Payment, the Bid Evaluation Criteria, the Bid Submission Form and any other annexes.

1.2   Summary

(a)   This bid solicitation is being issued to satisfy the requirement of *the* **Department of National Defense (DND)** (the "Client") for Task-Based Informatics Professional Services (TBIPS) under the TBIPS Supply Arrangement (SA) method of supply.

(b)   It is intended to result in the award of a contract, for *Three(3)* years.

(c)   There is a security requirement associated with this requirement. For additional information, consult Part 6 - Security, Financial and Other Requirements, and Part 7 - Resulting Contract Clauses. Bidders should consult the "Security Requirements on PWGSC Bid Solicitations - Instructions for Bidders" document on the Departmental Standard Procurement Documents (http://ssi-iss.tpsgc-pwgsc.gc.ca) Website.

(d)   The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Chile Free Trade Agreement (CCFTA), the Agreement on Internal Trade (AIT), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Columbia Free Trade Agreement (CColFTA), and the Canada-Panama Free Trade Agreement (CPanFTA) if it is in force.

(e)   Only TBIPS SA Holders currently holding a TBIPS SA for Tier 2 in the National Capital Region under the EN578-055605/E series of SAs are eligible to compete. The TBIPS SA EN578-055605/E is incorporated by reference and forms part of this bid solicitation, as though expressly set out in it, subject to any express terms and conditions contained in this bid solicitation. The capitalized terms not defined in this bid solicitation have the meaning given to them in the TBIPS SA.

(f)   SA Holders that are invited to compete as a joint venture must submit a bid as that joint venture SA Holder, forming no other joint venture to bid. Any joint venture must be already qualified under the SA #EN578-055605/E as that joint venture at the time of bid closing in order to submit a bid.

(g)   The Resource Categories described below are required on an as and when requested basis in accordance with the TBIPS SA Annex "B":

RESOURCE CATEGORIES	
RESOURCE CATEGORY	**LEVEL OF EXPERTISE**
Programmer/Analyst (A.7) [Simulation]	1
Programmer/Analyst (A.7) [Simulation]	2
Programmer/Analyst (A.7) [Simulation VBS2]	2
Programmer/Analyst (A.7) [Simulation JCATS]	3
Programmer/Analyst (A.7) [SimSpeak]	3
System Analyst (A.8) [ABACUS]	3
System Analyst (A.8) [JSAF]	3
Test Coordinator (A.10) [Simulation]	1
Tester (A.11) [Simulation]	1
IM Architect (I.5) [Simulation]	3
System Administrator (I.9)	1
System Administrator (I.9)	2
System Administrator (I.9)	3
Technology Architect (I.11) [Simulation]	3
Enterprise Architect (P.2) [Simulation]	3
Project Manager (P.9)	3

1.3   Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

(a) 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 issued by Public Works and Government Services Canada (PWGSC).

(b) 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.

(c) The 2003 (2014-03-01) Standard Instructions - Goods or Services - Competitive Requirements are incorporated by reference into and form part of the bid solicitation, with Subsection 5.4 amended by deleting "sixty (60) days" and inserting "180 days". If there is a conflict between the provisions of 2003 and this document, this document prevails.

The text under subsections 4 and 5 of Section 01 – Code of Conduct and Certifications of 2003 referenced above is replaced by:

4   Bidders who are incorporated or who are a sole proprietorship, including those bidding as a joint venture, have already provided a list of names of all individuals who are directors of the Bidder, or the name of the owner, at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA). These Bidders must diligently maintain this list up-to-date by informing Canada in writing of any change occuring during the validity period of the bid as well as during the period of any contract arising from this bid solicitation.

5   Canada may, at any time, request that a Bidder provide properly completed and Signed Consent Forms *(Consent to a Criminal Record Verification form - PWGSC-TPSGC 229)* for any or all individuals aforementioned list within a specified time period. Failure to provide such Consent Forms within the time period provided will result in the bid being declared non-responsive.

2.2 Submission of Bids

(a) Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and at the PWGSC address indicated at the top right hand corner of page one of the bid solicitation.

(b) Due to the nature of the bid solicitation, bids transmitted by facsimile or electronic mail to PWGSC will not be accepted

2.3 Enquiries - Bid Solicitation

(a) All enquiries must be submitted in writing to the Contracting Authority no later than 10 calendar days before the bid closing date. Enquiries received after that time may not be answered.

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

2.4   Applicable Laws

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

Note to Bidders: A bidder may, at its discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of its bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of its choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidder. *Bidders are requested to indicate the Canadian province or territory they wish to apply to any resulting contract in their Bid Submission Form.*

2.5   Improvement of Requirement During Solicitation Period

If 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 reasons 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 in accordance with the article entitled "Enquiries - Bid Solicitation". Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

(a) **Copies of Bid:** Canada requests that Bidders provide their bid in separately bound sections as follows:

(i) Section I: Technical Bid **Four (4)** hard copies*and **Two (2) soft** copies* on DVD.

(ii) Section II: Financial Bid **One (1)** hard copies *and **One (1)** soft copy* on DVD.

(iii) Section III: Certifications not included in the Technical Bid **One (1)** hard copies

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

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

(b) **Format for Bid:** Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

(i) use 8.5 x 11 inch (216 mm x 279 mm) paper;

(ii) use a numbering system that corresponds to the bid solicitation;

(iii) include a title page at the front of each volume of the bid that includes the title, date, bid solicitation number, Bidder's name and address and contact information of its representative; and

(iv) include a table of contents.

(c) **Canada's Policy on Green Procurement**: In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process. See the Policy on Green Procurement (http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html). To assist Canada in reaching its objectives, bidders are encouraged to:

(i) use paper containing fibre certified as originating from a sustainably-managed forest and/or containing a minimum of 30% recycled content; and

(ii) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, and using staples or clips instead of cerlox, duotangs or binders.

(d) **Submission of Only One Bid from a Bidding Group**:

(i) The submission of more than one bid from members of the same bidding group is not permitted in response to this bid solicitation. If members of a bidding group participate in more than one bid, Canada will set aside all bids received from members of that bidding group.

(ii) For the purposes of this article, "**bidding group**" means all entities (whether those entities include one or more natural persons, corporations, partnerships, limited liability partnerships, etc.) that are related to one another. Regardless of the jurisdiction where any of the entities concerned is incorporated or otherwise formed as a matter of law, entities are considered "**related**" for the purposes of this bid solicitation if:

(A) they are the same legal entity (i.e., the same natural person, corporation, partnership, limited liability partnership, etc.);

(B) they are "related persons" or "affiliated persons" according to the *Canada Income Tax Act*;

      (C)   the entities have now or in the two years before bid closing had a fiduciary relationship with one another (either as a result of an agency arrangement or any other form of fiduciary relationship); or

      (D)   the entities otherwise do not deal with one another at arm's length, or each of them does not deal at arm's length with the same third party.

(e)   Joint Venture Experience:

Where the Bidder is a joint venture with existing experience as that joint venture, it may submit the experience that it has obtained as that joint venture. A joint venture bidder may rely on the experience of one of its members to meet any given mandatory requirement of this bid solicitation.

Joint venture members cannot pool their abilities with other joint venture members to satisfy a single mandatory requirement of this bid solicitation. However, a joint venture member can pool its individual experience with the experience of the joint venture itself. Wherever substantiation of a mandatory requirement is required, the Bidder is requested to indicate which joint venture member satisfies the requirement.

Any Bidder with questions regarding the way in which a joint venture bid will be evaluated should raise such questions through the Enquiries process as early as possible during the bid solicitation period.

Example 1: A bidder is a joint venture consisting of members X, Y and Z. If a bid solicitation requires: (a) that the bidder have 3 years of experience providing maintenance service, and (b) that the bidder have 2 years of experience integrating hardware with complex networks, then each of these two requirements can be met by a different member of the joint venture. However, for a single requirement, such as the requirement for 3 years of experience providing maintenance services, the bidder cannot include that each of members X, Y and Z has one year of experience, totaling 3 years. Such a response would be declared non-responsive.

Example 2: A bidder is a joint venture consisting of members L and M. A bid solicitation requires that the bidder demonstrate experience providing maintenance and help desk services for a period of 24 months to a customer with at least 10,000 users. As a joint venture (consisting of members L and M), the bidder has previously done this work. This bidder can use this experience to meet the requirement (even if neither L nor M has met this experience requirement on its own). If member L obtained this experience while in a joint venture with a third party N, however, that experience cannot be used because the third party N is not part of the joint venture that is bidding.

Example 3: A bidder is a joint venture consisting of members A and B. If a bid solicitation requires that the bidder demonstrate experience providing resources for a minimum number of 100 billable days, the bidder may demonstrate experience that shows 100 billable days in total by submitting either:

- Contracts all signed by A, or
- Contracts all signed by B, or
- Contracts all signed by A and B in joint venture, or
- Contracts signed by A and contracts signed by A and B in joint venture, or
- Contracts signed by B and contracts signed by A and B in joint venture.

3.2 Section I: Technical Bid

The technical bid consists of the following:

(i) **Bid Submission Form**: Bidders are requested to include the Bid Submission Form - **Attachment 3.1** with their bids. It provides a common form in which Bidders can provide information required for evaluation and contract award, such as a contact name, the Bidder's Procurement Business Number, the Bidder's status under the Federal Contractors Program for Employment Equity, etc. Using the form to provide this information is not mandatory, but it is recommended. If Canada determines that the information required by the Bid Submission Form is incomplete or requires correction, Canada will provide the Bidder with an opportunity to do so.

(ii) **Security Clearance:** Bidders are requested to submit the following security information for each of the proposed resources with their bids on or before the bid closing date:

SECURITY INFORMATION	
Name of individual as it appears on security clearance application form	
Level of security clearance obtained	
Validity period of security clearance obtained	
Security Screening Certificate and Briefing Form file number	

If the Bidder has not included the security information in its bid, the Contracting Authority will provide the Bidder with an opportunity to submit the security information during the evaluation period. If the Bidder has not submitted the security information within the period set by the Contracting Authority, its bid will be declared non-responsive.

(iii) **Substantiation of Technical Compliance**: The technical bid must substantiate the compliance with the specific articles of Attachment "4.1", which is the requested format for providing the substantiation. The substantiation must not simply be a repetition of the requirement(s), but must explain and demonstrate how the Bidder will meet the requirements and carry out the required Work. Simply stating that the Bidder or its proposed solution or product complies is not sufficient. Where Canada determines that the substantiation is not complete, the Bidder will be considered non-responsive and disqualified. The substantiation may refer to additional documentation submitted with the bid - this information can be referenced in the "Bidder's Response" column of Attachment "4.1", where Bidders are requested to indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers; where the reference is not sufficiently precise, Canada may request that the Bidder direct Canada to the appropriate location in the documentation.

(iv) **For Previous Similar Projects:** Where the bid must include a description of previous similar projects: (i) a project must have been completed by the Bidder itself (and cannot include the experience of any proposed subcontractor or any affiliate of the Bidder); (ii) a project must have been completed the bid closing date; (iii) each project description must include, at minimum, the name and either the telephone number or e-mail address of a customer reference; and (iv) if more similar projects are provided than requested, Canada will decide in its discretion which projects will be evaluated. A project will be considered "similar" to the Work to be performed under any resulting contract if the project was for the performance of work that closely matches the TBIPS descriptions of the Resource Categories identified in Annex A. Work will be considered to "closely match" if the work in the provided project is described in at least 50% of the points of responsibility listed in the description of the given Resource Category.

(v) **For Proposed Resources**: The technical bid must include résumés for the resources as identified in Attachment "A". The same individual must not be proposed for more than

one Resource Category.The Technical bid must demonstrate that each proposed individual meets the qualification requirements described (including any educational requirements, work experience requirements, and professional designation or membership requirements). With respect to the proposed resources:

(A)   Proposed resources may be employees of the Bidder or employees of a subcontractor, or these individuals may be independent contractors to whom the Bidder would subcontract a portion of the Work (refer to Part 5, Certifications).

(B)   For educational requirements for a particular degree, designation or certificate, Canada will only consider educational programmes that were successfully completed by the resource by the time of bid closing.

(C)   For requirements relating to professional designation or membership, the resource must have the required designation or membership by the time of bid closing and must continue, where applicable, to be a member in good standing of the profession or membership throughout the evaluation period and contract period. Where the designation or membership must be demonstrated through a certification, diploma or degree, such document must be current, valid and issued by the entity specified in this solicitation. If the entity is not specified, the issuer must be an accredited or otherwise recognized body, institution or entity.

(D)   For work experience, Canada will not consider experience gained as part of an educational programme, except for experience gained through a formal co-operative programme at a post-secondary institution.

(E)   For any requirements that specify a particular time period (e.g., 2 years) of work experience, Canada will disregard any information about experience if the technical bid does not include the relevant dates (month and year) for the experience claimed (i.e., the start date and end date). Canada will evaluate only the duration that the resource actually worked on a project or projects (from his or her start date to end date), instead of the overall start and end date of a project or a combination of projects in which a resource has participated. For work experience to be considered by Canada, the technical bid must not simply indicate the title of the individual's position, but must demonstrate that the resource has the required work experience by explaining the responsibilities and work performed by the individual while in that position.   In situations in which a proposed resource worked at the same time on more than one project, the duration of any overlapping time period will be counted only once toward any requirements that relate to the individual's length of experience.

(vi)   Customer Reference Contact Information: The Bidder must provide customer references who must each confirm, if requested by Canada the information required. For each customer reference, the Bidder must, at a minimum, provide the name, the telephone number and e-mail address for a contact person. Bidders are also requested to include the title of the contact person. If there is a conflict between the information provided by the customer reference and the bid, the information provided by the customer reference will be evaluated instead of the information in the bid. If the named individual is unavailable when required during the evaluation period, the Bidder may provide the name and contact information of an alternate contact from the same customer.

3.3 Section II: Financial Bid

(a) **Pricing**: Bidders must submit their financial bid in accordance with the Basis of Payment of this bid solicitation. The total amount of Goods and Services Tax or Harmonized Sales Tax Applicable Taxes must be shown separately, if applicable. Unless otherwise indicated, Bidders must include a single, firm, all-inclusive per diem rate in Canadian dollars in each cell requiring an entry in the pricing tables.

(b) **Variation in Resource Rates By Time Period:** For any given Resource Category, where the financial tables provided by Canada allow different firm rates to be charged for a resource category during different time periods:

   (i)   the rate bid must not increase by more than *5%* from one time period to the next and

   (ii)   the rate bid for the same Resource Category during any subsequent time period must not be lower than the rate bid for the time period that includes the first month of the Initial Contract Period.

(c) **All Costs to be Included:** The financial bid must include all costs for the requirement described in the bid solicitation for the entire Contract Period, including any option periods. The identification of all necessary equipment, software, peripherals, cabling and components required to meet the requirements of the bid solicitation and the associated costs of these items is the sole responsibility of the Bidder.

(d) **Blank Prices**: Bidders are requested to insert "$0.00" for any item for which it does not intend to charge or for items that are already included in other prices set out in the tables. If the Bidder leaves any price blank, Canada will treat the price as "$0.00" for evaluation purposes and may request that the Bidder confirm that the price is, in fact, $0.00. No Bidder will be permitted to add or change a price as part of this confirmation. Any Bidder who does not confirm that the price for a blank item is $0.00 will be declared non-responsive.

3.4 Section III: Certifications

Bidders must submit the certifications as required under Part 5 that have not been included in the Technical Bid.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

(a)   Bids will be evaluated in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria. There are several steps in the evaluation process, which are described below. Even though the evaluation and selection will be conducted in steps, the fact that Canada has proceeded to a later step does not mean that Canada has conclusively determined that the Bidder has successfully passed all the previous steps. Canada may conduct steps of the evaluation in parallel.

(b)   An evaluation team composed of representatives of the Client and PWGSC will evaluate the bids on behalf of Canada. Canada may hire any independent consultant, or use any government resources, to evaluate any bid. Not all members of the evaluation team will necessarily participate in all aspects of the evaluation.

(c)   In addition to any other time periods established in the bid solicitation:

   (i)   **Requests for Clarifications**: If Canada seeks clarification or verification from the Bidder about its bid, the Bidder will have 2 working days (or a longer period if specified in writing by the Contracting Authority) to provide the necessary information to Canada. Failure to meet this deadline will result in the bid being declared non-responsive.The Bidder must provide the information requested by Canada within **Two (2)** working days of a request by the Contracting Authority.

   (ii)   **Extension of Time**: If additional time is required by the Bidder, the Contracting Authority may grant an extension in his or her sole discretion.

4.2 Technical Evaluation

(a)   Mandatory Technical Criteria:

Each bid will be reviewed to determine whether it meets the mandatory requirements of the bid solicitation. Any element of the bid solicitation that is identified specifically with the words "must" or "mandatory" is a mandatory requirement. Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.   The Mandatory evaluation criteria are described in Attachment 4.1. Bid Evaluation Criteria.

(b)   Point- Rated Technical Criteria:

Each bid will be rated by assigning a score to the rated requirements, which are identified in the bid solicitation by the word "rated" or by reference to a score. Bidders who fail to submit complete bids with all the information requested by this bid solicitation will be rated accordingly. The rated requirements are described in Attachment - Bid Evaluation Criteria.

(c)   Reference Checks:

   (i)   For reference checks, Canada may conduct the reference check in writing by email. Canada will send all email reference check requests to contacts supplied by all the Bidders on the same day using the email address provided in the bid. Canada will not award any points unless the response is received within five working days of the date that Canada's email was sent.

   (ii)   If Canada does not receive a response from the contact person within the 5 working days, Canada will not contact the Bidder and will not permit the substitution of an alternate contact person.

   (iii)   Wherever information provided by a reference differs from the information supplied by the Bidder, the information supplied by the reference will be the information evaluated.

(iv)   Points will not be allocated and/or a bidder will not meet the mandatory experience requirement (as applicable) if (1) the reference customer states he or she is unable or unwilling to provide the information requested, or (2) the customer reference is not a customer of the Bidder itself (for example, the customer cannot be the customer of an affiliate of the Bidder instead of being a customer of the Bidder itself). Nor will points be allocated or a mandatory met if the customer is itself an affiliate or other entity that does not deal at arm's length with the Bidder.

(v)   Whether or not to conduct reference checks is discretionary. However, if PWGSC chooses to conduct reference checks for any given rated or mandatory requirement, it will check the references for that requirement for all bidders who have not, at that point, been found non-responsive

4.3   Financial Evaluation

(a)   Calculation of Total Bid Price: The financial evaluation will be conducted by calculating the Total Bid Price using the pricing tables completed by the Bidders.

(b)   There are two possible financial evaluation methods for this requirement. The first method will be used if three or more bids are determined responsive (see (c) Financial Evaluation - Method A below). The second method will be used if fewer than three bids are determined responsive (see (d) Financial Evaluation - Method B below).

(c)   Financial Evaluation - Method A: The following financial evaluation method will be used if three or more bids are determined responsive:

(i)   Financial Calculation: The financial evaluation will be conducted using the pricing tables completed by the bidders and the Firm Per Diem Median Rate Evaluation explained below. A financial calculation will occur for each Bidder by multiplying its firm per diem rates for the Initial Contract Period and the option period(s) (or the median rate, whichever is higher) with the estimated number of days of work for each period, for all the Resource Categories stated in Attachment 4.2 - Pricing Schedule. The sum of such rates will constitute the Financial Evaluated Price for that Bidder

(i)   Firm Per Diem Median Rate Evaluation

(A) Use: The firm per diem median rate calculation will apply to modify the rate to be assessed in the financial evaluation of a Bidder, where that Bidder submits a firm per diem rate for a resource category that is lower than the median as calculated below. The firm per diem median rate calculation is for evaluation purposes only, and the actual submitted per diem rate will be used in any resulting contract in all instances.

(**B) Calculation for both the Initial Contract Period and the Option Period medians**:
Using the per diem rate proposed for each individual resource category a median rate
will be determined for each Resource Category. A median will be used to calculate each
Bidder's per diem rate for the Initial Contract Period, and another median will be
established for each of the option period(s). For each Resource Category, the median
will be calculated using the median function in Microsoft Excel. If a Bidder bids a firm per
diem rate for a Resource Category that is lower than the median, that Bidder's financial
evaluation will be conducted using a per diem rate equal to the median for that Resource
Category.

(d)   **Financial Evaluation - Method B**: The following financial evaluation method will be used if less
than three bids are determined responsive:

     (i)   **Financial Calculation:** The financial evaluation will be conducted using the pricing
tables completed by the Bidders. A financial calculation will occur for each Bidder by
multiplying its firm per diem rates for the Initial Contract Period and the option period(s)
with the estimated number of days of work for each period, for all the Resource
Categories stated in Attachment 4.2 - Pricing Schedule. The sum of such rates will
constitute the Financial Evaluated Price for that Bidder.

(e)   **Substantiation of Professional Services Rates**

In Canada's experience, bidders will from time to time propose rates at the time of bidding for one
or more categories of resources that they later refuse to honour, on the basis that these rates do
not allow them to recover their own costs and/or make a profit. When evaluating the rates bid for
professional services, Canada may, but will have no obligation to, require price support in
accordance with this Article. If Canada requests price support, it will be requested from all
otherwise responsive bidders who have proposed a rate that is at least 20% lower than the
median rate bid by all responsive bidders for the relevant resource category or categories. If
Canada requests price support, the following information is required:

(i)   an invoice (referencing a contract serial number or other unique contract identifier) that
shows that the Bidder has provided and invoiced a customer (with whom the Bidder
deals at arm's length) for services performed for that customer similar to the services
that would be provided in the National Capital Region in the relevant resource category,
where those services were provided for at least three months within the twelve months
before the bid solicitation closing date, and the fees charged were equal to or less than
the rate offered to Canada;

(ii)   in relation to the invoice in (i), evidence from the bidder's customer that the services
identified in the invoice include at least 50% of the tasks listed in the Statement of Work
for the category of resource being assessed for an unreasonably low rate. This evidence
must consist of either a copy of the contract (which must describe the services to be
provided and demonstrate that at least 50% of the tasks to be performed are the same
as those to be performed under the Statement of Work in this bid solicitation) or the
customer's signed certification that the services subject to the charges in the invoice
included at least 50% of the same tasks to be performed under the Statement of Work in
this bid solicitation;

(iii)   in respect of each contract for which an invoice is submitted as substantiation, a résumé
for the resource that provided the services under that contract that demonstrates that, in
relation to the resource category for which the rates are being substantiated, the
resource would meet the mandatory requirements and achieve any required pass mark
for any rated criteria; and

(iv)   the name, telephone number and, if available, e-mail address of a contact person at the customer who received each invoice submitted under (i), so that Canada may verify any information provided by the Bidder.

Once Canada requests substantiation of the rates bid for any resource category, it is the sole responsibility of the Bidder to submit information (as described above and as otherwise may be requested by Canada, including information that would allow Canada to verify information with the resource proposed) that will allow Canada to determine whether it can rely, with confidence, on the Bidder's ability to provide the required services at the rates bid. If Canada determines that the information provided by the Bidder does not adequately substantiate the unreasonably low rates, the bid will be declared non-responsive.

(f)   Formulae in Pricing Tables

If the pricing tables provided to Bidders include any formulae, Canada may re-input the prices provided by Bidders into a fresh table, if Canada believes that the formulae may no longer be functioning properly in the version submitted by a Bidder.

4.4   Basis of Selection

Selection Process: The following selection process will be conducted

(a)   A bid must comply with the requirements of the bid solicitation, meet all mandatory evaluation criteria and obtain the required pass marks for the point rated criteria identified in this bid solicitation to be declared responsive. The responsive bid with the lowest Price-Per-Point will be recommended for award of a contract. To calculate the lowest Price-Per-Point, the following formula will be used:

$$\frac{\text{Total Bid Price}}{\text{Total points obtain by the Bidder}} = \text{Price-Per-Point obtained by the Bidder}$$

(a)   One contract may be awarded in total as a result of this bid solicitation.

(b)   Bidders should note that all contract awards are subject to Canada's internal approvals process, which includes a requirement to approve funding in the amount of any proposed contract. Despite the fact that the Bidder may have been recommended for contract award, a contract will only be awarded if internal approval is granted according to Canada's internal policies. If approval is not granted, no contract will be awarded.

PART 5 - CERTIFICATIONS

Bidders must provide the required certifications to be awarded a contract. Canada will declare a bid non-responsive if the required certifications are not completed and submitted in accordance with the articles below.

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

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

Section 5.1 Federal Contractors Program - Certification

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

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

(c)   If the Bidder does not fall within the exceptions enumerated in (d)(i) or (ii) below, or does not have a valid certificate number confirming its adherence to the FCP, the Bidder must fax (819-953-8768) a copy of the signed form LAB 1168, Certificate of Commitment to Implement Employment Equity, to the Labour Branch of HRSDC.

(d)   Each bidder is requested to indicate in its bid whether it is:

(i)   not subject to FCP, having a workforce of fewer than 100 permanent full or part-time permanent employees, or temporary employees having worked 12 weeks or more in Canada;

(ii)   not subject to FCP, being a regulated employer under the *Employment Equity Act*, S.C. 1995, c. 44;

(iii)   subject to the requirements of FCP, because it has a workforce of 100 or more permanent full or part-time permanent employees, or temporary employees having worked 12 weeks or more in Canada, but it has not previously obtained a certificate number from HRSD (because it has not bid before on requirements of $200,000 or more), in which case a duly signed certificate of commitment is required from the Bidder; or

(iv)   subject to FCP, and has a valid certification number (i.e., has not been declared an ineligible contractor by HRSDC).

(e)   Further information on the FCP is available on the following HRSDC Website: http://www.hrsdc.gc.ca/eng/labour/equality/fcp/index.shtml.

5.1   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 (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Human Resources and Skills Development Canada (HRSDC) - Labour's website

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

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 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.

Note to Bidders: Bidders are requested to use the Bid Submission Form to provide information about their status under this program. For a joint venture bidder, this information must be provided for each member of the joint venture.

Section 5.2 Former Public Servant - Competitive Requirements

(a)   Contracts with 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 spending public funds. In order to comply with Treasury Board policies and directives on contracts with FPS, bidders must provide the information required below before contract award.

(b)   Definitions

For the purposes of this clause,

(i)   "**former public servant**" means a 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. and includes: 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.

(ii)   "**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.

(iii) **"pension"** means, in the context of the fee abatement formula, 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 *Canadian Pension Plan Act*, R.S., 1985, c. C-8.

(c) **Former Public Servant in Receipt of a Pension**

If the Bidder is an FPS in receipt of a pension as defined above, the Bidder must provide the following information:

As per the above definitions, is the Bidder a FPS in receipt of a pension? Yes ( ) No ( )

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

(i) name of former public servant;

(ii) date of termination of employment or retirement from the Public Service.

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

(d) **Work Force Adjustment Directive**

If Is the Bidder is an a FPS who received a lump sum payment pursuant to the terms of a the wWork Fforce reduction program Adjustment Directive? Yes ( ) No ( )

, If so, the Bidder must provide the following information:

(i) name of former public servant;

(ii) conditions of the lump sum payment incentive;

(iii) date of termination of employment;

(iv) amount of lump sum payment;

(v) rate of pay on which lump sum payment is based;

(vi) period of lump sum payment including start date, end date and number of weeks; and

(vii) number and amount (professional fees) of other contracts subject to the restrictions of a work force reduction program.

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

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

> *Note to Bidders: Bidders are requested to provide the information required by this clause in their Bid Submission Form.*

Section 5.3 Professional Services Resources

(a)   By submitting a bid, the Bidder certifies that, if it is 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.

(b)   By submitting a bid, 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.

Section 5.4 Certification of Language - [English] Essential

By submitting a bid, the Bidder certifies that, should it be awarded a contract as result of the bid solicitation, every individual proposed in its bid will be fluent in English. The individual(s) proposed must be able to communicate orally and in writing in English without any assistance and with minimal errors.

PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

6.1   Security Requirement

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

the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;

i.   the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirement as indicated in Part 7 - Resulting Contract Clauses; and

ii.   the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.

iii.   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.

iv.   For additional information on security requirements, Bidders should consult the "Security Requirements for PWGSC Bid Solicitations - Instructions to Bidders" document on the Departmental Standard Procurement Documents Website.

v.   In the case of a joint venture Bidder, each member of the joint venture must meet the security requirements

6   Controlled Goods Requirement

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

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

PART 7 - RESULTING CONTRACT CLAUSES

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

7   Requirement

(a)   _____ (the "**Contractor**") agrees to supply to the Client the services described in the Contract, including the Statement of Work, in accordance with, and at the prices set out in, the Contract. This includes providing professional services as and when requested by Canada, to one or more locations to be designated by Canada, excluding any locations in areas subject to any of the Comprehensive Land Claims Agreements.

(b)   Client: Under the Contract, the "**Client**" is the **Department of National Defense (DND)**

(c)   Reorganization of Client: The Contractor's obligation to perform the Work will not be affected by (and no additional fees will be payable as a result of) the renaming, reorganization, reconfiguration, or restructuring of any Client. The reorganization, reconfiguration and restructuring of the Client includes the privatization of the Client, its merger with another entity, or its dissolution, where that dissolution is followed by the creation of another entity or entities with mandates similar to the original Client. In connection with any form of reorganization, Canada may designate another department or government body as the Contracting Authority or Technical Authority, as required to reflect the new roles and responsibilities associated with the reorganization.

(d)   Defined Terms: Words and expressions defined in the General Conditions or Supplemental General Conditions and used in the Contract have the meanings given to them in the General Conditions or Supplemental General Conditions. Any reference to an Identified User in the Supply Arrangement is a reference to the Client. Also, any reference to a "deliverable" or "deliverables" includes all documentation outlined in this Contract. A reference to a "local office" of the Contractor means an office having at least one full time employee that is not a shared resource working at that location.

7.1   Task Authorization

(a)   As and When Requested Task Authorizations: 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. The Contractor must not commence work until a validly issued TA has been issued by Canada and received by the Contractor. The Contractor acknowledges that any work performed before such issuance and receipt will be done at the Contractor's own risk

(b)   Form and Content of Task Authorization:

(i)   The Technical Authority will provide the Contractor with a description of the task in a draft Task Authorization using the form specified in Annex __.

(ii)   The draft Task Authorization will contain the details of the activities to be performed, and must also contain the following information, if applicable:

(A)   the task number;

(B)   The date by which the Contractor's response must be received (which will appear in the draft Task Authorization, but not the issued Task Authorization);

(C)   the details of any financial coding to be used;

(D)   the categories of resources and the number required;

(E)   a description of the work for the task outlining the activities to be performed and identifying any deliverables (such as reports);

(F)   the start and completion dates;

(G)   milestone dates for deliverables and payments (if applicable);

(H)   the number of person-days of effort required;

(I)   whether the work requires on-site activities and the location;

(J)   the language profile of the resources required;

(K)   the level of security clearance required of resources;

(L)   the price payable to the Contractor for performing the task, with an indication of whether it is a firm price or a maximum TA price (and, for maximum price task authorizations, the TA must indicate how the final amount payable will be determined; where the TA does not indicate how the final amount payable will be determined, the amount payable is the amount, up to the maximum, that the Contractor demonstrates was actually worked on the project, by submitting time sheets filled in at the time of the work by the individual resources to support the charges); and

(M)   any other constraints that might affect the completion of the task.

(c)   **Contractor's Response to Draft Task Authorization**: The Contractor must provide the Technical Authority, within 5working days of receiving the draft Task Authorization(or within any longer time period specified in the draft TA), the proposed total price for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract. The Contractor's quotation must be based on the rates set out in the Contract. The Contractor will not be paid for preparing or providing its response or for providing other information required to prepare and validly issue the TA.

(d)   **Periodic Usage Reports**:

(i)   The Contractor must compile and maintain records on its provision of services to the federal government under validly issued TAs issued under the Contract. The Contractor must provide this data to Canada in accordance with the reporting requirements detailed below If any required information is not available, the Contractor must indicate the reason. If services are not provided during a given period, the Contractor must still provide a "NIL" report. The Contractor must submit the periodic usage reports on a to the Contracting Authority. From time to time, the Contracting Authority may also require an interim report during a reporting period.

(ii)   The quarterly periods are defined as follows:

(A)   April 1 to June 30;

(B)   July 1 to September 30;

(C)   October 1 to December 31; and

(D)   January 1 to March 31.

The data must be submitted to the Contracting Authority no later than Thirty (30) calendar days after the end of the reporting period.

(iii)   Each report must contain the following information for each validly issued TA (as amended)

(A)   the Task Authorization number and the Task Authorization Revision number(s), if applicable;

(B)   a title or a brief description of the task;

(C)   the name, Resource category and level of each resource involved in performing the TA, as applicable;

(D) the total estimated cost specified in the TA (GST or HST Applicable Taxes extra);

(E) the total amount (GST or HSTApplicable Taxes extra) expended to date;

(F) the start and completion date; and

(G) the active status, as applicable (e.g., indicate whether work is in progress or if Canada has cancelled or suspended the TA, etc.).

(iv) Each report must also contain the following cumulative information for all the validly issued TAs (as amended)

(A) the amount (GST or HST Applicable Taxes extra) specified in the contract (as last amended, if applicable) as Canada's total liability to the contractor for all validly issued TAs; and

(B) the total amount, GST or HST Applicable Taxes extra, expended to date against all validly issued TA's.

(e) **Consolidation of TAs for Administrative Purposes**: The Contract may be amended from time to time to reflect all validly issued Task Authorizations to date, to document the Work performed under those TAs for administrative purposes.

7.2 **Minimum Work Guarantee**

(a) In this clause,

(i) "**Maximum Contract Value**" means the amount specified in the "**Limitation of Expenditure**" clause set out in the Contract (excluding GST/HST Applicable Taxes); and

(ii) "**Minimum Contract Value**" means 1 % of the Maximum Contract Value on the date the contract is first issued.

(b) 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 sub-article (c), subject to sub-article (d). 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.

(c) In the event that Canada does not request work in the amount of the Minimum Contract Value during the Contract Period, Canada must pay the Contractor the difference between the Minimum Contract Value and the total cost of the Work requested.

(d) Canada will have no obligation to the Contractor under this article if Canada terminates the entire Contract

(i) for default;

(ii) for convenience as a result of any decision or recommendation of a tribunal or court that the contract be cancelled, re-tendered or awarded to another supplier; or

(iii) for convenience within ten business days of Contract award.

7.3   Standard Clauses and Conditions

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

(a)   General Conditions:

2035 (2013-10-23), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

With respect to Section 30 - Termination for Convenience, of General Conditions 2035, Subsection 04 is deleted and replaced with the following Subsections 04, 05 and 06:

4. The total of the amounts, to which the Contractor is entitled to be paid under this section, together with any amounts paid, due or becoming due to the Contractor must not exceed the Contract Price.

5. Where the Contracting Authority terminates the entire Contract and the Articles of Agreement include a Minimum Work Guarantee, the total amount to be paid to the Contractor under the Contract will not exceed the greater of

    (a) the total amount the Contractor may be paid under this section, together with any amounts paid, becoming due other than payable under the Minimum Revenue Guarantee, or due to the Contractor as of the date of termination, or

    (b) the amount payable under the Minimum Work Guarantee, less any amounts paid, due or otherwise becoming due to the Contractor as of the date of termination.

6. The Contractor will have no claim for damages, compensation, loss of profit, allowance arising out of any termination notice given by Canada under this section except to the extent that this section expressly provides. The Contractor agrees to repay immediately to Canada the portion of any advance payment that is unliquidated at the date of the termination.

(b)   Supplemental General Conditions:

The following Supplemental General Conditions:

(i)   4001 (2013-01-28), Supplemental General Conditions

(ii)   4006 (2010-08-16), Supplemental General Conditions - Contractor to Own Intellectual Property Rights in Foreground Information;

(iii)   4002 (2010-08-16), Software Development or Modification Services

7.4   Security Requirement

The following Security Requirement (SRCL and related clausing), as set out under Annex "A" to Part B to the Supply Arrangement, applies to the Contract.

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a.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 Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).

b.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.

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

d.The Contractor/Offeror personnel requiring access to PROTECTED information, assets or sensitive work site(s) must EACH hold a valid personnel security screening at the level of SECRET, granted or approved by CISD/PWGSC.

e.The Contractor/Offeror personnel requiring access to CLASSIFIED information, assets or sensitive work site(s) must be citizens of Canada and must EACH hold a valid personnel security screening at the level of SECRET, granted or approved by CISD/PWGSC.

f.The Contractor/Offeror MUST NOT remove any PROTECTED/CLASSIFIED information from the identified work site(s), and the Contractor/Offeror must ensure that its personnel are made aware of and comply with this restriction.

g.Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.

h.The Contractor/Offeror must comply with the provisions of the:

(i)   Security Requirements Check List and security guide, attached at Annex "C"

(ii)   Industrial Security Manual (Latest Edition)

7.5   Contract Period

(a)   Contract Period: The "**Contract Period**" is the entire period of time during which the Contractor is obliged to perform the Work, which includes:

(i)   The "**Initial Contract Period**", which begins on the date the Contract is awarded and ends 1 year later; and

(ii)   The period during which the Contract is extended, if Canada chooses to exercise any options set out in the Contract.

(b)   Option to Extend the Contract:

(i)   The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to four (4) additional One (1) year period(s) under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions set out in the Basis of Payment.

(ii)   Canada may exercise this option at any time by sending a written notice to the Contractor 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.

7.6 Authorities

(a) Contracting Authority

The Contracting Authority for the Contract is:

Name: _____
Title: _____
Public Works and Government Services Canada
Acquisitions Branch
Telephone: (819) _____
Facsimile: (819) _____
E-mail address: _____

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.

Technical Authority

The Technical Authority for the Contract is:

Name: _____
Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

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

(b) Contractor's Representative

Note to Bidders: The Contractor's Representative, Contracting Authority, Technical Authority and contact information will be identified at the time of contract award.

7.7 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 web sites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

7.8 Payment

(a) Basis of Payment

(i) **Professional Services**: For the provision of professional services the Contractor will be paid for actual time worked, in accordance with the firm all-inclusive per diem rates set out in Annex ____, Basis of Payment, GST/HST Applicable Taxes extra. Partial days will be prorated based on actual hours worked based on a 7.5-hour workday.

(ii) Estimated Cost: $_____

(iii) **Pre-Authorized Travel and Living Expenses**

Canada will reimburse the Contractor for its pre-authorized travel and living expenses reasonably and properly incurred in the performance of the Work in accordance with the clause titled "Travel and Living" of the Supply Arrangement which is also available at:

http://www.tpsgc-pwgsc.gc.ca/app-acq/spc-cps/rfdso-sotli-eng.html

All payments are subject to government audit.

(iv) **GST/HST Applicable Taxes**:

Estimated Cost:$_____

(v) **Competitive Award**: The Contractor acknowledges that the Contract has been awarded as a result of a competitive process. No additional charges will be allowed to compensate for errors, oversights, misconceptions or underestimates made by the Contractor when bidding for the Contract.

(vi) **Professional Services Rates**: In Canada's experience, bidders from time to time propose rates at the time of bidding for one or more Resource Categories that they later refuse to honour, on the basis that these rates do not allow them to recover their own costs and/or make a profit. This denies Canada of the benefit of the awarded contract. If the Contractor does not respond or refuses to provide an individual with the qualifications described in the Contract within the time described in the Contract (or proposes instead to provide someone from an alternate category at a different rate), whether or not Canada terminates the Contract as a whole or in part or chooses to exercise any of the rights provided to it under the general conditions, Canada may impose sanctions or take other measures in accordance with the PWGSC Vendor Performance Corrective Measure Policy (or equivalent) then in effect, which measures may include an assessment that results in conditions applied against the Contractor to be fulfilled before doing further business with Canada, or full debarment of the Contractor from bidding on future requirements.

(vii) **Purpose of Estimates**: All estimated costs contained in the Contract are included solely for the administrative purposes of Canada and do not represent a commitment on the part of Canada to purchase goods or services in these amounts. Any commitment to purchase specific amounts or values of goods or services are described elsewhere in the Contract.

(b) **Limitation of Expenditure** Canada's total liability to the Contractor under the Contract must not exceed the amount set out on page one of the Contract, less any aApplicable TaxesGST or HST. With respect to the amount set out on page one of the Contract, Customs duties are included and Goods and Services Tax or Harmonized Sales Tax isApplicable Taxes are included, if applicable. Any commitments to purchase specific amounts or values of goods or services are described elsewhere in the Contract.

   (i)   No increase in the total liability of Canada or in the price of the Work 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 approved, 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 total liability being exceed before obtaining the written approval of the Contracting Authority. The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum when:

       (A)   it is 75 percent committed, or

       (B)   4 months before the Contract expiry date, or

       (C)   as soon as the Contractor considers that the contract funds provided are inadequate for the completion of the Work,

       whichever comes first.

   (ii)   If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Providing this information does not increase Canada's liability.

(c) **Method of Payment - Monthly Payment**

Canada will pay the Contractor on a monthly basis for work performed during the month covered by the invoice in accordance with the payment provisions of the Contract if:

   (i)   an accurate and complete invoice and any other documents required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;

   (ii)   all such documents have been verified by Canada; and

   (iii)   the Work performed has been accepted by Canada.

(d) **Time Verification**

Time charged and the accuracy of the Contractor's time recording system are subject to verification by Canada, before or after payment is made to the Contractor. If verification is done after payment, the Contract must repay any overpayment, at Canada's request.

(e) **No Responsibility to Pay for Work not performed due to Closure of Government Offices**

   (i)   Where the Contractor, its employees, subcontractors, or agents are providing services on government premises under the Contract and those premises are inaccessible because of the evacuation or closure of government offices, and as a result no work is performed, Canada is not responsible for paying the Contractor for work that otherwise would have been performed if there had been no evacuation or closure.

   (ii)   If, as a result of any strike or lock-out, the Contractor or its employees, subcontractors or agents cannot obtain access to government premises and, as a result, no work is performed, Canada is not responsible for paying the Contractor for work that otherwise would have been performed if the Contractor had been able to gain access to the premises

7.9 Invoicing Instructions

(a) The Contractor must submit invoices in accordance with the information required in the General Conditions.

(b) The Contractor's invoice must include a separate line item for each subparagraph in the Basis of Payment provision, and must show all applicable Task Authorization numbers.

(c) By submitting invoices the Contractor is certifying that the goods and services have been delivered and that all charges are in accordance with the Basis of Payment provision of the Contract, including any charges for work performed by subcontractors.

(d) The Contractor must provide the original and two copies of each invoice to the Technical Authority. On request, the Contractor must provide a copy of any invoices requested by the Contracting Authority.

7.10 Certifications

(a) Compliance with the certifications provided by the Contractor in its bid or any TA quotation is a condition of the Contract and subject to verification by Canada during the entire Contract Period. If the Contractor does not comply with any certification or it is determined that any certification made by the Contractor is untrue, whether made knowingly or unknowingly, Canada has the right, under the default provision of the Contract, to terminate the Contract for default.

(b) SACC Manual Clauses

(i) [SACC Manual Clause A3060C (2010-01-11), Canadian Certification

7.11 Federal Contractors Program for Employment Equity - Default by Contractor

The Contractor understands and agrees that, when an Agreement to Implement Employment Equity (AIEE) exists between the Contractor and HRSDC-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 HRSDC will constitute the Contractor in default as per the terms of the Contract.

7.12 Applicable Laws

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

7.13 Priority of Documents

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

(a) these Articles of Agreement, including any individual SACC clauses incorporated by reference in these Articles of Agreement;

(b) Supplemental General Conditions, in the following order:

(i) 4006 (*2013-10-23*), Supplemental General Conditions - Contractor to Own Intellectual Property Rights in Foreground Information;.

(c) General Conditions 2035 (*2013-10-23*);

(d) Annex A, Statement of Work - Annex A including its Appendices as follows

(i) Appendix A to Annex A - Tasking Assessment Procedure;

(ii) Appendix B to Annex A - Task Authorization (TA) Form;

(iii)   Appendix C to Annex A - Resource Assessment Criteria and Response Table;

(iv)   Appendix D to Annex A - Certifications at the TA stage;

(e)   Attachment 4.1, Basis of Payment;

(f)   Annex B, Security Requirements Check List

(g)   the signed Task Authorizations including any required Certifications;

(h)   Supply Arrangement Number EN578-055605

(i)   the Contractor's bid dated _____ (*insert date of bid*), as amended _____

7.14   Insurance Requirements

(a)   Compliance with Insurance Requirements

(i)   The Contractor must comply with the insurance requirements specified in this Article. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

(ii)   The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

(iii)   The Contractor should forward to the Contracting Authority within ten (10) days after the date of award of the Contract a Certificate of Insurance evidencing the insurance coverage. Coverage must be placed with an Insurer licensed to carry out business in Canada and the Certificate of Insurance must confirm that the insurance policy complying with the requirements is in force.   If the Certificate of Insurance has not been completed and submitted as requested, the Contracting Authority will so inform the Contractor and provide the Contractor with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within the time period will constitute a default under the General Conditions.   The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

(b)   Commercial General Liability Insurance

(i)   The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than $2,000,000 per accident or occurrence and in the annual aggregate.

(ii)   The Commercial General Liability policy must include the following:

      (A)   Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.

      (B)   Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.

(C)   Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.

(D)   Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.

(E)   Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.

(F)   Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.

(G)   Employees and, if applicable, Volunteers must be included as Additional Insured.

(H)   Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)

(I)   Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.

(J)   Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.

(K)   If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

(L)   Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.

(M)   Advertising Injury: While not limited to, the endorsement must include coverage for piracy or misappropriation of ideas, or infringement of copyright, trademark, title or slogan.

(c)   Errors and Omissions Liability Insurance

(i)   The Contractor must obtain Errors and Omissions Liability (a.k.a. Professional Liability) insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature but for not less than $1,000,000 per loss and in the annual aggregate, inclusive of defence costs.

(ii)   If the Professional Liability insurance is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.

(iii)   The following endorsement must be included:

Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation

7.16 Limitation of Liability - Information Management/Information Technology

(a) This section applies despite any other provision of the Contract and replaces the section of the general conditions entitled "Liability". Any reference in this section to damages caused by the Contractor also includes damages caused by its employees, as well as its subcontractors, agents, and representatives, and any of their employees. This section applies regardless of whether the claim is based in contract, tort, or another cause of action. The Contractor is not liable to Canada with respect to the performance of or failure to perform the Contract, except as described in this section and in any section of the Contract pre-establishing any liquidated damages. The Contractor is only liable for indirect, special or consequential damages to the extent described in this Article, even if it has been made aware of the potential for those damages.

(b) First Party Liability:

    (i) The Contractor is fully liable for all damages to Canada, including indirect, special or consequential damages, caused by the Contractor's performance or failure to perform the Contract that relate to:

        (A) any infringement of intellectual property rights to the extent the Contractor breaches the section of the General Conditions entitled "Intellectual Property Infringement and Royalties";

        (B) physical injury, including death.

    (ii) The Contractor is liable for all direct damages affecting real or tangible personal property owned, possessed, or occupied by Canada.

    (iii) Each of the Parties is liable for all direct damages resulting from any breach of confidentiality under the Contract. Each of the Parties is also liable for all indirect, special or consequential damages in respect of any unauthorized disclosure of the other Party's trade secrets (or trade secrets of a third party provided by one Party to another under the Contract) relating to information technology.

    (iv) The Contractor is liable for all direct damages relating to any encumbrance or claim relating to any portion of the Work for which Canada has made any payment. This does not apply to encumbrances or claims relating to intellectual property rights, which are addressed under (i)(A) above.

    (v) The Contractor is also liable for any other direct damages to Canada caused by the Contractor in any way relating to the Contract, including:

        (A) any breach of the warranty obligations under the Contract, up to the total amount paid by Canada (including any applicable taxes) for the goods and services affected by the breach of warranty; and

        (B) Any other direct damages, including all identifiable direct costs to Canada associated with re-procuring the Work from another party if the Contract is terminated either in whole or in part for default, up to an aggregate maximum for this subparagraph (B) of the greater of .75 times the total estimated cost (meaning the dollar amount shown on the first page of the Contract in the cell titled "Total Estimated Cost" or shown on each call-up, purchase order or other document used to order goods or services under this instrument), or $1,000,000.00.

    In any case, the total liability of the Contractor under subparagraph (v) will not exceed the total estimated cost (as defined above) for the Contract or $1,000,000.00, whichever is more.

   (vi)   If Canada's records or data are harmed as a result of the Contractor's negligence or willful act, the Contractor's only liability is, at the Contractor's own expense, to restore Canada's records and data using the most recent back-up kept by Canada. Canada is responsible for maintaining an adequate back-up of its records and data.

(c)   **Third Party Claims**:

   (i)   Regardless of whether a third party makes its claim against Canada or the Contractor, each Party agrees that it is liable for any damages that it causes to any third party in connection with the Contract as set out in a settlement agreement or as finally determined by a court of competent jurisdiction, where the court determines that the Parties are jointly and severally liable or that one Party is solely and directly liable to the third party. The amount of the liability will be the amount set out in the settlement agreement or determined by the court to have been the Party's portion of the damages to the third party. No settlement agreement is binding on a Party unless its authorized representative has approved the agreement in writing.

   (ii)   If Canada is required, as a result of joint and several liability, to pay a third party in respect of damages caused by the Contractor, the Contractor must reimburse Canada by the amount finally determined by a court of competent jurisdiction to be the Contractor's portion of the damages to the third party. However, despite Sub-article (i), with respect to special, indirect, and consequential damages of third parties covered by this Section, the Contractor is only liable for reimbursing Canada for the Contractor's portion of those damages that Canada is required by a court to pay to a third party as a result of joint and several liability that relate to the infringement of a third party's intellectual property rights; physical injury of a third party, including death; damages affecting a third party's real or tangible personal property; liens or encumbrances on any portion of the Work; or breach of confidentiality.

   (iii)   The Parties are only liable to one another for damages to third parties to the extent described in this Sub-article (c).

7.17 Joint Venture Contractor

(a)   The Contractor confirms that the name of the joint venture is _____ and that it is comprised of the following members:

(b)   With respect to the relationship among the members of the joint venture Contractor, each member agrees, represents and warrants (as applicable) that:

   (i)   _____ has been appointed as the "representative member" of the joint venture Contractor and has fully authority to act as agent for each member regarding all matters relating to the Contract;

   (ii)   by giving notice to the representative member, Canada will be considered to have given notice to all the members of the joint venture Contractor; and

   (iii)   all payments made by Canada to the representative member will act as a release by all the members.

(c)   All the members agree that Canada may terminate the Contract in its discretion if there is a dispute among the members that, in Canada's opinion, affects the performance of the Work in any way.

(d)   All the members are jointly and severally or solidarily liable for the performance of the entire Contract.

(e)   The Contractor acknowledges that any change in the membership of the joint venture (i.e., a change in the number of members or the substitution of another legal entity for an existing member) constitutes an assignment and is subject to the assignment provisions of the General Conditions.

(f)   The Contractor acknowledges that all security and controlled goods requirements in the Contract, if any, apply to each member of the joint venture Contractor.

> *__Note to Bidders__: This Article will be deleted if the bidder awarded the contract is not a joint venture. If the contractor is a joint venture, this clause will be completed with information provided in its bid.*

7.18   Professional Services - General

(a)   The Contractor must provide professional services on request as specified in this Contract. All resources provided by the Contractor must meet the qualifications described in the Contract (including those relating to previous experience, professional designation, education, language proficiency and security clearance) and must be competent to provide the required services by any delivery dates described in the Contract.

(b)   If the Contractor fails to deliver any deliverable (excluding delivery of a specific individual) or complete any task described in the Contract on time, in addition to any other rights or remedies available to Canada under the Contract or the law, Canada may notify the Contractor of the deficiency, in which case the Contractor must submit a written plan to the Technical Authority within ten working days detailing the actions that the Contractor will undertake to remedy the deficiency. The Contractor must prepare and implement the plan at its own expense.

(c)   In General Conditions 2035, the Section titled "Replacement of Specific Individuals" is deleted and the following applies instead:

Replacement of Specific Individuals

(i)   If the Contractor is unable to provide the services of any specific individual identified in the Contract to perform the services, the Contractor must within five working days of the individual's departure or failure to commence Work (or, if Canada has requested the replacement, within ten working days of Canada's notice of the requirement for a replacement) provide to the Contracting Authority:

(A)   the name, qualifications and experience of a proposed replacement immediately available for Work; and

(B)   security information on the proposed replacement as specified by Canada, if applicable.

The replacement must have qualifications and experience that meet or exceed those obtained for the original resource.

(ii)   Subject to an Excusable Delay, where Canada becomes aware that a specific individual identified under the Contract to provide services has not been provided or is not performing, the Contracting Authority may elect to:

(A)   exercise Canada's rights or remedies under the Contract or at law, including terminating the Contract for default under Section titled "Default of the Contractor", or

(B)   assess the information provided under (c) (i) above or, if it has not yet been provided, require the Contractor propose a replacement to be rated by the Technical Authority. The replacement must have qualifications and experience that meet or exceed those obtained for the original resource and be acceptable to Canada.   Upon assessment of the replacement, Canada may accept the replacement, exercise the rights in (ii) (A) above, or require another replacement in accordance with this subarticle (c).

Where an Excusable Delay applies, Canada may require (c) (ii) (B) above instead of terminating under the "Excusable Delay" Section. An Excusable Delay does not include resource unavailability due to allocation of the resource to another Contract or project (including those for the Crown) being performed by the Contractor or any of its affiliates.

    (iii)   The Contractor must not, in any event, allow performance of the Work by unauthorized replacement persons. The Contracting Authority may order that a resource stop performing the Work. In such a case, the Contractor must immediately comply with the order. The fact that the Contracting Authority does not order that a resource stop performing the Work does not relieve the Contractor from its responsibility to meet the requirements of the Contract.

    (iv)   The obligations in this article apply despite any changes that Canada may have made to the Client's operating environment.

7.19   Professional Services for Pre-Existing Software

(a)   **Pre-Existing Software**: The "**Pre-Existing Software**" consists of the computer programs listed in Annex "A", which are either proprietary to Canada or licensed to Canada by a third party, in respect of which Canada requires certain professional services.

(b)   **Software Services**: During the Contract Period, the Contractor must provide the Client with the following "**Services for Pre-Existing Software**" as and when requested by Canada through a Task Authorization:

    (i)   accessing, downloading, storing, installing, loading, processing, configuring and implementing any additional software code related to the Pre-Existing Software (such as new releases, versions, patches, and bug fixes), as soon as it becomes available;

    (ii)   keeping track of the software publisher's software releases for the purpose of configuration control; and

(c)   **Title**: Except as otherwise specifically provided in these Articles of Agreement, title to the Pre-Existing Software will be unaffected by the performance of the Services for Pre-Existing Software and, to the extent that the Pre-Existing Software is subject to a license for use from a third party, its use will remain subject to the conditions of Canada's license.

(d)   **Access**: Canada will provide to the Contractor any information regarding any passwords, authorization codes or similar information that might be necessary to perform the Software Services, provided that in doing so Canada is not in default of any obligations regarding the use of the Pre-Existing Software. The Contractor agrees that it is a term of the Contract that it will not disclose or distribute any part of the Pre-Existing Software to any other person or entity or otherwise violate the proprietary rights of the owner of the Pre-Existing Software.

7.20   Safeguarding Electronic Media

(a)   Before using them on Canada's equipment or sending them to Canada, the Contractor must use a regularly updated product to scan electronically all electronic media used to perform the Work for computer viruses and other coding intended to cause malfunctions. The Contractor must notify Canada if any electronic media used for the Work are found to contain computer viruses or other coding intended to cause malfunctions.

(b)   If magnetically recorded information or documentation is damaged or lost while in the Contractor's care or at any time before it is delivered to Canada in accordance with the Contract, including accidental erasure, the Contractor must immediately replace it at its own expense

7.21   Representations and Warranties

The Contractor made statements regarding its own and its proposed resources' experience and expertise in its bid that resulted in the award of the Contract. The Contractor represents and warrants that all those statements are true and acknowledges that Canada relied on those statements in awarding the Contract. The Contractor also represents and warrants that it has, and all its resources and subcontractors that perform the Work have, and at all times during the Contract Period they will have, the skills, qualifications,

expertise and experience necessary to perform and manage the Work in accordance with the Contract, and that the Contractor (and any resources or subcontractors it uses) has previously performed similar services for other customers.

7.22   Access to Canada's Property and Facilities

Canada's property, facilities, equipment, documentation, and personnel are not automatically available to the Contractor. If the Contractor would like access to any of these, it is responsible for making a request to the Technical Authority. Unless expressly stated in the Contract, Canada has no obligation to provide any of these to the Contractor. If Canada chooses, in its discretion, to make its property, facilities, equipment, documentation or personnel available to the Contractor to perform the Work, Canada may require an adjustment to the Basis of Payment and additional security requirements may apply.

7.23   Government Property

Canada agrees to supply the Contractor with the items listed in annaex A Attachment 1 (the "**Government Property**"). The section of the General Conditions entitled "Government Property" also applies to the use of the Government Property by the Contractor.

ANNEX A

STATEMENT OF WORK

FOR

CANADIAN ARMY MODELING AND SIMULATION

CUSTOM SOFTWARE MODIFICATION SERVICES, SOFTWARE DEVELOPMENT AND SUPPORT

1. Background

Director Land Command System Program Management (DLCSPM) 8 is an organization that supports the Canadian Army by providing modification services, software development and day to day support for Modeling and Simulation Software (M&S SW) employed by the Department of National Defence (DND) in Canadian Armed Forces Training, Exercises and Experiments (henceforth referred to as "Events"). DLCSPM 8 currently achieves this by tasking Contractors using two contracting vehicles; however these contracting vehicles are no longer options due to contract ceilings and other factors. These factors led to DLCSPM 8 standing up their own contract to perform this work.

2. Requirements

2.1. Scope of Work

2.1.1. Resources

DLCSPM 8 has a requirement for the Resource Categories identified in the table below to perform modifications services, software development and day to day support services. This includes carrying out code modifications in DND owned software; code development for new features and improvements in DND owned software; as well as phone, email and on-site support services for DND owned/developed and third party Modeling and Simulation Software. The following sections will describe the high level work requirements expected to be performed by the Contractor and Section 5. Resource Categories and Responsibilities describes what is expected from each resource category.

Resource Category	Level
Programmer/Analyst (A.7) [Simulation]	1
Programmer/Analyst (A.7) [Simulation]	2
Programmer/Analyst (A.7) [VBS2]	2
Programmer/Analyst (A.7) [JCATS]	3
Programmer/Analyst (A.7) [SimSpeak]	3
System Analyst (A.8) [ABACUS]	3
System Analyst (A.8) [JSAF]	3
Test Coordinator (A.10) [Simulation]	1
Tester (A.11) [Simulation]	1
IM Architect (I.5) [Simulation]	3
System Administrator (I.9)	1
System Administrator (I.9)	2
System Administrator (I.9)	3
Technology Architect (I.11) [Simulation]	3
Enterprise Architect (P.2) [Simulation]	3
Project Manager (P.9)	3

2.1.2. Contractor Facility

DLCSPM has a requirement for the Contractor to have an office/facility to perform day to day work. The office must have a suitable amount of space to accommodate up to 25 Workstations (See Section 2.1 of Appendix 1 for more details on Workstation Configurations). The office must also have a room suitable for housing hardware which will be used for setting up a development and test environment (See Section 2.2 of Appendix 1 for more details on the Server Room environment). The Contractor will only be expected to store, manipulate and process UNCLASSIFED information at their facility.

2.2. Tasks

 2.2.1. Modification Services

DND has a requirement for the Contractor to perform code modifications, as and when requested, for M&S SW developed by DND, both for current and future resulting custom software developed The Modeling and Simulation Software currently developed by DND can be found in Table 1 below. Modification Services include but are not limited to:

 a) Software code changes to tweak and enhance the performance of existing features;

 b) Fixing software issues that are uncovered while using the software; and

 c) Confirmatory testing and validation of software issues (bugs) with a DND Representative.

Table 1 - M&S SW developed by DND and their dependencies on third party tools/APIs

M&S SW Developed by DND	Dependencies on Third Party Tools/APIs
Civilian Activity Modeling for exercises (CAMX)	LuciadMap
Simulated Radio - SimSpeak	
Virtual Command and Control Interface (VCCI)	LuciadMap
Synthetic Environment Resource Repository (SERR)	

One of the core Modeling and Simulation Architectures employed by DND is the Virtual Command and Control Interface (VCCI). This piece of Software, owned and developed by the Department of National Defence, enables the communication between the various Modeling and Simulation Software Applications and the Canadian Army's Command and Control System, the Land Command Support System (LCSS). The various interfaces supported by VCCI are identified in Figure 1 below.
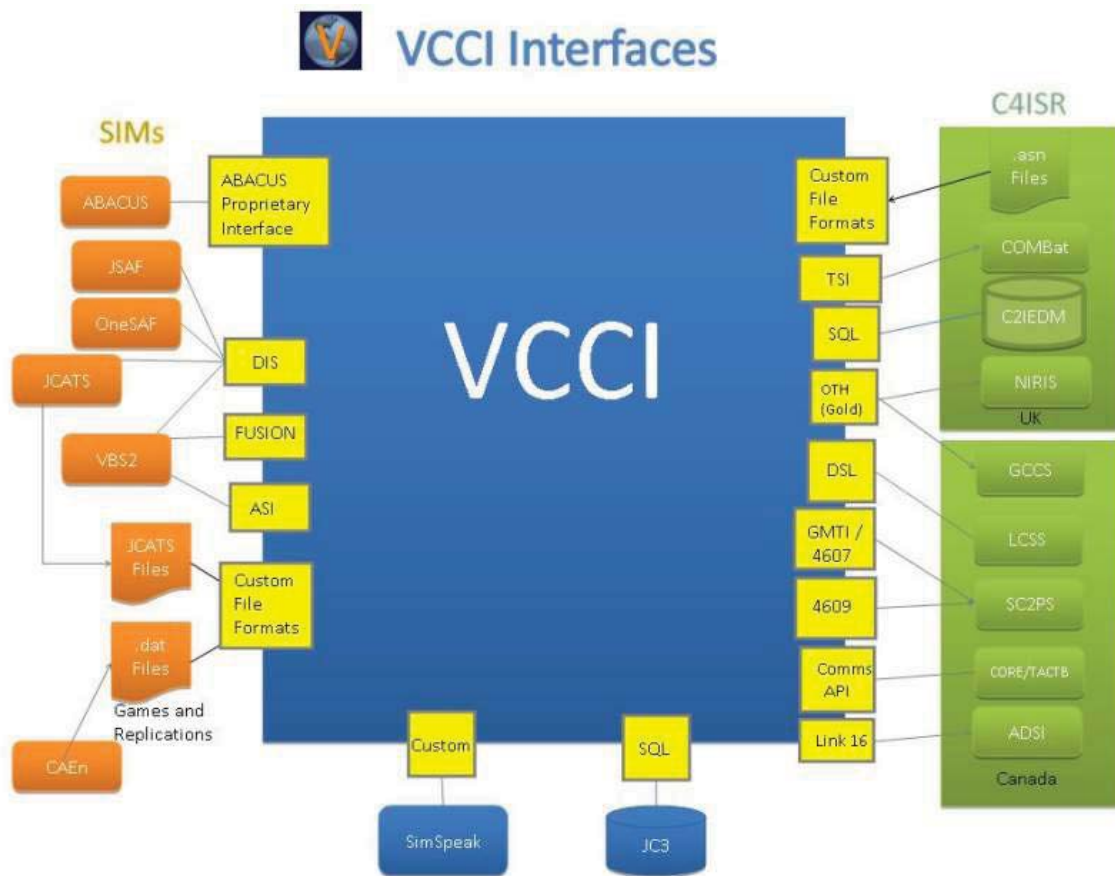
Figure 1 - VCCI Supported Interfaces

2.2.2. Software Development

DND has a requirement for the Contractor to perform software development, as and when requested. This includes changes to the software environment based on changing user requirements, integration of existing M&S software with new software systems or equipment and performance improvements and adaptation of existing M&S SW to evolving doctrine. Software Development includes but is not limited to:

a) Participating in requirements discussions for new features and enhancements to existing features;

b) Analyzing the requirements and proposing options for implementing them;

c) Implementing the software development code changes; and

d) Conducting confirmatory testing and validation with a DND representative.

2.2.3. Day to Day Support Services

DND employs both custom developed and third party Modeling and Simulation Software. The custom developed software was listed above in Table 1 and the list of third party Modeling and Simulation Software can be found in Table 2 below. DND has a requirement for the Contractor to perform day to day Support Services for the software found in both Tables 1 and 2.

Table 2 - M&S SW developed by third parties and their dependencies on third party tools/APIs

Advanced Battlefield Computer Simulation (ABACUS)
Joint Conflict and Tactical Simulation (JCATS)
Joint Semi Automated Forces (JSAF)
Virtual BattleSpace 2 and 3 (VBS2/3)

2.2.3.1. Telephone, fax, email and Internet Support Services

The Contractor must provide to DND access to the Contractor's personnel, to help DND in answering questions with respect to the Modeling and Simulation Software outlined in Table 1 and Table 2in accordance with the Standard Acquisition Clauses and Conditions (SACC) Manual ID 4004 05: Support Services.

2.2.3.2. Setup of M&S Environments for Events that Employ M&S

As and when requested, the Contractor must provide support for the setup of M&S Environments for Events that employ M&S. These activities include but are not limited to:

- Assist in scenario development;

- Create Event Environment Digital/Computer Generated Maps and other Event resources; and

- Travel to the Event location to setup the Event hardware, as well as install and configure all necessary software.

2.2.3.3. On-site and/or Remote Support of M&S during Events that Employ M&S

As and when requested, the Contractor must provide resources to remain on site during an Event to assist with the resolution of problems that may occur with M&S hardware or software configurations. These activities involve but are not limited to:

- Remain on site during the Event to troubleshoot hardware and software issues that arise during the execution of the Event;

- Remain on site during the Event to gather bug reports and user feedback; and

- Be available for local remote support by telephone and email during the Event timeframe.

2.2.3.4. M&S SW Expert Analysis

As and when requested, the Contractor must provide expert analysis on various topics relevant to Modeling and Simulation. These tasks include but are not limited to:

- Analysis of potential M&S SW replacements, in the form of a technical report containing recommendations on whether they satisfy a list of M&S requirements provided by the Technical Authority; and

- Analysis of new versions of M&S SW received by DND, with a view to uncovering bugs or incompatibilities when integrated with other DND M&S SW.

2.2.3.5. Submission of New M&S SW and New Versions of Existing M&S SW to the DLCSPM Software Library

As and when requested, the Contractor must submit newly received M&S Software to the DLCSPM Software Library. These tasks include but are not limited to:

- Preparing the software submission forms (forms to be provided by DND);

- Communicating with the DLCSPM Software Library to troubleshoot issues with the software submission form; and

- Submitting the software over a File Transfer Protocol (FTP) Connection or via physical media (CD, DVD or Portable Hard Drive).

2.2.3.6. Participation in meetings and working groups relevant to M&S and integration of M&S in the LCSS

As and when requested the Contractor must participate in meetings and working groups which are relevant to the M&S tasks they are working on for DND. Participation includes but is not limited to:

- Capturing the meeting minutes and providing a summary to all attendees of the meeting;

- Presenting relevant topics to the meeting participants (this includes the preparation work associated with presentations and the creation of Power Point Slide Shows); and

- Taking notes, with the aim of providing recommendations to the DND TA on topics that were discussed.

2.2.3.7. Computer System Administration in Support of all M&S Activities

As and when requested, the Contractor must provide Computer System Administration in Support of all M&S activities. This includes but is not limited to the setup and maintenance of computers, servers or any other hardware or software required to perform the duties of this contract.

2.2.3.8. Knowledge Transfer and Mentoring Resulting from Software Maintenance

As and when requested, the Contractor must transfer knowledge obtained or developed on changes in the M&S SW resulting from modifications or developed improvements and features of M&S SW. This includes transfer of knowledge and mentoring of DND representatives or other Contractors (in some cases Contractors from another Company or Organization).

2.2.3.9. Transition Period for transfer of knowledge to new Contractor

The Contractor must be prepared to support, on demand, a transition of all knowledge and technical data packages (TDP) of all ongoing tasks to a third party. The transition to a third party would run for a period of approximately three to four months and would result from a third party being awarded a follow-on Custom Software Modification Services, Software Development and Day to Day Support Contract.

2.3. Deliverables

Each time a work task is called up/created against this Contract; there must be a list of deliverables created to capture all items the Contractor is to deliver to DND. The following sections the deliverables expected from the Contractor. Section 5. Resource Categories and Responsibilities outlines some of the deliverables that would be expected from each Resource Category.

2.3.1. Modification Services

The deliverables for Modification Services will be specific for each task call up. Some examples of deliverables for Modification Services include but are not limited to:

- Create bug reports in the System Problem Report Database (SPRDB).

- Reports on number of bugs closed and number of bugs remaining.

- Demonstrate that modified code addresses the bugs being fixed.

- Deliver patches and new versions of software to DND.

2.3.2. Software Development

The deliverables for Software Development will be specific for each task call up. Some examples of deliverables for Software Development include but are not limited:

- Produce notes during discussions of new features and enhancements to existing M&S SW.

- Produce an implementation plan for new features and submit to DND TA for review and acceptance.

- Submit software changes in the form of a software deliveries including a change log and any other pertinent documentation required to set up/install/troubleshoot the software.

2.3.3. Day to Day Support Services

2.3.3.1. Setup of M&S Environments for Events that employ M&S

The deliverables for this work task include but are not limited to:

- Produce notes containing user observations and feedback.

- Trip reports.

- After Action Review (AAR) reports

- Deficiency reports.

2.3.3.2. On-site and/or Remote Support of M&S SW during Events that Employ M&S

The deliverables for this work task include but are not limited to:

- Produce notes containing user observations and feedback.

- Trip reports.

- After Action Review (AAR) reports.

- Deficiency reports.

2.3.3.3. M&S SW Expert Analysis

The deliverables for this work task include but are not limited to:

- Produce a report based on the analysis of potential M&S SW replacements to inform the DND TA on whether the new tool satisfies the requirement.

- Produce a list of bugs uncovered during the analysis of the new tool and submit the bugs to the System Problem Report Database (SPRDB). Produce documentation describing any incompatibilities of the new tool when integrating it with other DND M&S SW.

2.3.3.4. Submission of New M&S Software and New Versions of Existing M&S Software to the DLCSPM Software Library

The deliverables for this work task include but are not limited to:

- Prepare Software Package for Submission as per DLCSPM Guidelines.

- Fill in the Software Submission Form (template will be provided by DLCSPM).

- Submit the software to the DLCSPM Software Library.

2.3.3.5. Participation in meetings and working groups relevant to M&S and integration of M&S in the LCSS

The deliverables for this work task include but are not limited to:

- Produce meeting minutes and provide them in writing to the DND Technical Authority (TA).

- Prepare and deliver presentations as and when requested (including submission of presentation slide package to the DND Technical Authority in advance).

- Provide a written summary of all action items.

3. Project Management

3.1. Formal Work Tracking Processes

DND is responsible for keeping track of the work being performed by the Contactor. To facilitate this, the Contractor must abide by the Formal Work Tracking Processes in place at the time of Contract award. The Formal Work Tracking Process includes but is not limited to the creation of new work packages, the approval of these work packages, tracking of progress on each work package and the deliverables associated with the tasks performed in each work package.

3.2. Performance Tracking Metrics

The Contractor must provide performance tracking metric reports to DND periodically. The frequency of these reports must be a minimum of quarterly or more frequently as directed by DND based on specific circumstances. These reports must include performance metrics including but not limited to:

- Average number of work tasks completed per month.

- Average time to complete a work package.

- Average cost to complete a work package.

- Average age of work packages.

- Number of active work packages.

General report on schedule (work backlogged, behind schedule, ahead of schedule, on schedule). Additional schedule performance metrics must be determined between DLCSPM and the Contractor.

4. Government Furnished Equipment (GFE)

DLCSPM will provide the computer hardware and software necessary for performing tasks. For more details, see Appendix 1: Hardware and Software Environment).

5. Resource Categories and Responsibilities

DLCSPM has a requirement for the Contractor to have prior knowledge and experience in providing Software Maintenance in the software languages and environments used in the existing M&S Software employed by DND. DLCSPM also has a requirement for the Contractor to have experience supporting environments in which many software tools are integrated together in large scale deployments. The Canadian Army and DLCSPM run Events, requiring M&S Maintenance and Support, planned periodically with inflexible timelines. The Resource Categories which will be required are outlined below. A maximum of 25 Contractor Resources will be tasked in any given year; the categories of these resources chosen as required by DND.

5.1. Programmer/Analyst (A.7) [Simulation] – Level 1

Responsibilities include but are not limited to:

- Create, modify and improve simulation software to meet specific training or experimentation requirements for virtual or constructive simulation environments

- Develop requirement, specification and design documents for simulation capabilities

- Provide technical input to assist in the establishment of detailed maintenance policies and procedures for simulation capabilities

- Produce forms, user manuals, version description documents, and test results for simulation capabilities.

5.2. Programmer/Analyst (A.7) [Simulation] – Level 2

Responsibilities include but are not limited to:

- Create, modify, improve, maintain and extend simulation software to meet specific training or experimentation requirements for virtual or constructive simulation environments.

- Develop requirement, specification and design documents for simulation capabilities

- Analyse and recommend alternatives and options for solutions pertaining to Simulation Capabilities

- Provide technical input to assist in the establishment of detailed maintenance policies and procedures for simulation capabilities

- Provide advice to DLCSPM representative supervising the maintenance and evolution activities of simulation capabilities to ensure that training requirements are met.

- Produce forms, user manuals, version description documents, test plans and test results for simulation capabilities.

5.3. Programmer/Analyst (A.7) [VBS] – Level 2

Responsibilities include but are not limited to:

- Create, modify, improve, maintain and extend Virtual BattleSpace (VBS) Plug-In source to support constructive training and experimentation requirements.

- Develop requirement, specification and design documents for VBS and systems or adaptors with requirements to interface with VBS.

- Develop, test and implement systems or adaptors which interface with VBS to support virtual or constructive training and experimentation requirements.

- Gather and analyze data for the conduct of studies to establish the technical and economic feasibility of solutions pertaining to VBS

- Ensure that new builds of VBS are inspected when received to verify compliance with contract specifications, including any relevant performance criteria, standards, and certification

- Produce forms, manuals, programs, data files, and procedures to assist in the establishment of detailed maintenance policies and procedures for VBS

- Provide advice to DND representative supervising the maintenance and evolution activities of VBS to ensure that the VBS software contract is adhered to and that quality control standards are enforced

5.4. Programmer Analyst (A.7) [JCATS] – Level 3

Responsibilities include but are not limited to:

- Develop requirements, feasibility, cost, design, and specification documents for JCATS and systems or adaptors with requirements to interface with JCATS.

- Develop, test and implement systems or adaptors which interface with JCATS to support constructive training and experimentation requirements.

- Gather and analyze data for the conduction of studies to establish the technical and economic feasibility of alternatives and options for solutions pertaining to JCATS.

- Develop technical specifications for systems development, design and implementation of systems or adaptors which interface with JCATS.

- Ensure that new builds of JCATS are inspected when received to verify compliance with Foreign Military Sale (FMS) specifications, including any relevant performance criteria, standards, and certification

- Produce forms, manuals, programs, data files, and procedures to assist in the establishment of detailed maintenance policies and procedures for JCATS

- Provide advice to DLCSPM personnel supervising the maintenance and evolution activities of JCATS to ensure that the FMS case is adhered to and that quality control standards are enforced

5.5. Programmer/Analyst (A.7) [SimSpeak] – Level 3

Responsibilities include but are not limited to:

- Modify, improve, maintain and extend SimSpeak to meet training or experimentation constructive or virtual simulation requirements.

- Create and modify SimSpeak screens and reports.

- Develop requirement, specification and design documents for SimSpeak and systems or adaptors with requirements to interface with SimSpeak.

- Implement systems or adaptors which interface with SimSpeak to support constructive and virtual training and experimentation requirements.

- Gather and analyze data for the conduct of studies to establish the technical and economic feasibility of alternatives and options for solutions pertaining to SimSpeak

- Develop technical specifications for systems development, design and implementation for SimSpeak or adaptors which interface with SimSpeak.

- Provide technical input to assist in the establishment of detailed maintenance policies and procedures for SimSpeak

- Provide advice to DLCSPM personnel supervising the maintenance and evolution activities of SimSpeak to ensure that training requirements are maintained and DIS/VOIP protocols are maintained

5.6. System Analyst (A.8) [ABACUS] – Level 3

Responsibilities include but are not limited to:

- Develop requirements, feasibility, cost, design, and specification documents for ABACUS and systems or adaptors with requirements to interface with ABACUS.

- Implement systems or adaptors which interface with ABACUS to support constructive training and experimentation requirements.

- Translate simulation requirements into systems design and specifications.

- Analyse and recommend alternatives and options for solutions pertaining to ABACUS

- Develop technical specifications for systems development, design and implementation of systems or adaptors which interface with ABACUS.

- Ensure that new builds of ABACUS are inspected when received to verify compliance with contract specifications, including any relevant performance criteria, standards, and certification

- Provide technical input to assist in the establishment of detailed maintenance policies and procedures for ABACUS

- Provide advice to DLCSPM personnel supervising the maintenance and evolution activities of ABACUS to ensure that the contract is adhered to and that quality control standards are enforced

5.7. System Analyst (A.8) [JSAF] – Level 3

Responsibilities include but are not limited to:

- Modify, improve, maintain and extend JSAF source code to meet Canadian specific training or experimentation requirements for constructive simulation.

- Translate simulation requirements into systems design and specifications

- Develop requirement, specification and design documents for JSAF and systems or adaptors with requirements to interface with JSAF.

- Implement systems or adaptors which interface with JSAF to support constructive training and experimentation requirements.

- Analyse and recommend alternatives and options for solutions pertaining to JSAF

- Develop technical specifications for systems development, design and implementation for JSAF or adaptors which interface with JSAF.

- Ensure that new builds of JSAF are inspected when received to verify compliance with FMS specifications, including any relevant performance criteria, standards, and certification

- Provide technical input to assist in the establishment of detailed maintenance policies and procedures for JSAF

- Provide advice to DLCSPM personnel supervising the maintenance and evolution activities of JSAF to ensure that the FMS case is adhered to and that quality control standards are enforced

5.8. Test Coordinator (A.10) [Simulation] – Level 1

Responsibilities include but are not limited to:

- Provide advice, guidance and coordination efforts for simulation test strategies and plans, selection of automated testing tools, and identification of resources required for simulation testing.

- Plan, organize, and schedule testing efforts for large simulation systems, including the execution of systems integration tests, specialized tests, and user acceptance testing (e.g., stress tests).

5.9. Tester (A.11) [Simulation] – Level 1

Responsibilities include but are not limited to:

- Planning and conduct of simulation testing including executables, models, and configuration files.

- Creating Canadian military models in 3DS Max, preparing them with Oxygen and testing them in VBS.

- Supervision of testing in accordance with the plan and LCSS test documentation standards.

- Management and monitoring of simulation test plans for all levels of testing.

- Reporting on the status of testing within the sim team and to management (DLCSPM personnel).

- "Tuning" of simulation models to ensure fidelity/performance balance is fit for specified purpose.

- Development of simulation test scenarios and test scripts.

- Establishing simulation software testing procedures for unit test, integration testing and regression testing with emphasis on automating the testing procedures.

- Establishing and operating simulation to C4ISTAR "interoperability" testing procedures to ensure that the interaction and co-existence of various LCSS software elements, which are proposed to be distributed on the common infrastructure, conform to DLCSPM standards and have no unforeseen detrimental effects on the System of Systems behaviour.

5.10. IM Architect (I.5) [Simulation] – Level 3

Responsibilities include but are not limited to:

- Analyse existing simulation asset repository capabilities and requirements, develop redesigned frameworks and recommend areas for improved capability and integration.

- Develop and document detailed statements of requirements.

- Evaluate existing procedures and methods, identify and document database content, structure, and application subsystems.

- Define and document interfaces of manual to automated operations within simulation asset repository application subsystems, to external systems, and between new and existing systems.

- Prototype potential solutions, provide trade-off information and suggest recommended courses of action.

- Provide advice in defining new simulation asset repository requirements and opportunities for applying efficient and effective solutions; identify and provide preliminary costs of potential options.

- Analyse existing simulation and LCSS capabilities and requirements, develop redesigned frameworks and recommend areas for improved capability and integration related individual or collective training systems.

- Define and document interfaces of manual to automated operations within individual and collective training system application subsystems, to external systems, and between new and existing systems.

- Provide advice in defining new individual and collective training requirements and opportunities for applying efficient and effective solutions; identify and provide preliminary costs of potential options.

5.11. System Administrator (I.9) – Level 1

Responsibilities include but are not limited to:

- Install, monitor, upgrade and maintain Linux, and Windows variant operating systems.

- Monitor and maintain simulation hardware and software in virtualized or native environments.

- Work with other Sim Team personnel, and clients/stakeholders to maintain and improve simulation software performance.

- Apply problem solving skills to troubleshoot and resolve technical problems. Ensure timely and reliable simulation system administration procedures, such as backup and/or recovery.

- Support Sim Team members in their usage of the LCSS Collaborative Environment and LCSS Program Management Information System.

- Verifying contents of deliverable media and uploading for the DLCSPM Media Library

5.12. System Administrator (I.9) – Level 2

Responsibilities include but are not limited to:

- Install, monitor, upgrade and maintain Linux, and Windows variant operating systems.

- Install, monitor, upgrade and maintain simulation hardware and software in virtualized or native environments.

- Work with other Sim Team personnel, and clients/stakeholders to maintain and improve simulation software performance.

- Apply problem solving skills to troubleshoot and resolve technical problems.

- Ensure timely and reliable simulation system administration procedures, such as backup and/or recovery.

- Analyze simulation performance and recommend improvements.

5.13. System Administrator (I.9) – Level 3

Responsibilities include but are not limited to:

- Work with other Sim Team personnel, and clients/stakeholders to maintain and improve simulation software performance.

- Apply problem solving skills to troubleshoot and resolve technical, procedural, or requirement driven problems.

- Ensure timely and reliable simulation system administration procedures, such as backup and/or recovery.

- Analyze simulation performance, costs, requirements and recommend improvements.

5.14. Technology Architect (I.11) [Simulation] – Level 3

Responsibilities include but are not limited to:

- Develop simulation technical architectures, frameworks and strategies, either for an organization or for a major application area, to meet the business and application requirements.

- Identify the policies and requirements that drive out a particular simulation solution.

- Analyze and evaluate alternative technology solutions to meet training and simulation problems.

- Ensures the integration of all aspects of simulation technology solutions.

- Monitor industry trends to ensure that solutions fit with latest directions for simulation technology.

- Provide information, direction and support for emerging simulation technologies.

- Perform impact analysis of simulation technology changes.

- Provide support to simulation applications and/or technical support teams in the proper application of existing infrastructure.

- Review simulation application and program design or technical infrastructure design to ensure adherence to standards and to recommend performance improvements.

5.15. Enterprise Architect (P.2) [Simulation] – Level 3

Responsibilities could include but are not limited to:

- Identify future simulation business/ICT requirements against the current enterprise architecture, perform gaps analyses, develop Requirements for Technology Architectures (RTA), and prepare migration strategies.

- Assess the feasibility of migrating from the current state to the target simulation architecture and enabling technologies and identify the risks associated with migrating to the target simulation architecture and technologies and make recommendations for risk mitigation.

- Identify simulation and technology trends that create opportunities for simulation improvements on ICT trends and emerging technologies and the impact on the organizations ICT architectures and business strategies, model "What if" scenarios and recommend appropriate changes to the existing architecture and ICT infrastructure, and recommend alternative solutions, methodologies and strategies.

- Produce a simulation architectural evolution plan, recommend prioritization of architecture evolution initiatives, and develop and/or implement an architecture evolution plan based on training and experimentation requirements.

- Manage the development and implementation of a simulation architectural improvement plan.

5.16. Project Manager (P.9) – Level 3

Responsibilities include but are not limited to:

- Manage the simulation projects during the development, implementation and operations start-up by ensuring that resources are made available and that the projects are developed and are fully operational within previously agreed time, cost and performance parameters.

- Formulate statements of simulation problems; establish procedures for the development and implementation of significant, new or modified project elements to solve these problems, and obtain approval thereof.

- Define and document the objectives for the simulation projects; determine budgetary requirements, the composition, roles and responsibilities and terms of reference for the project team.

- Report progress of the project on an ongoing basis and at scheduled points in the life cycle.

- Prepare and present plans, charts, tables and diagrams to assist in analyzing or displaying simulation problems to DLCSPM, CADTC/CSTCDC, or other military leadership;

6. Terminology

Word	Description
Bug	A problem or issue in a piece of computer software.
Events	Training, Exercises and Experiments conducted by the Department of National Defence and Canadian Armed Forces
Contractor	Refers to the entity to which the contract is awarded by the Contracting Authority.
Customer	Refers to the Technical Authority (TA), Director Land Command Systems Project Management (DLCSPM) 8, of this contract.
Military Simulation	A system that replicates a battle space whereby strategic, operational and tactical level actions can be exercised and theorized in a controlled environment.
Department of National Defence (DND)	Refers to the Military and Civilian Public Servant members of The Department of National Defence (DND) and the Canadian Armed Forces (CAF).

Simulation	A software system that runs models imitating a real world process, environment or system; used to stimulate live systems, in training or for experimentation.
	Ex 1: Virtual BattleSpace 2 (VBS2) can simulate a battlefield including terrain, vehicles, personnel, troop movements and more. These troop movements can be seen in the live Command and Control tool (Land Command Support System) via the Virtual Command and Control Interface for training.
	Ex 2: SimSpeak simulates the buttonology, user interface (UI), communication capabilities and models of a live radio system. The buttonology and UI train the user and the voice communications can be captured by the Virtual Command and Control Interface (VCCI) for replay during After Action Review (AAR) to assess the training audience's performance.

APPENDIX 1: HARDWARE AND SOFTWARE ENVIRONMENTS

The following document will outline the list of Government Furnished Equipment (GFE) provided by DND at contract award as well as the environments in which the hardware and software will live at the Contractor's facility.

1. List of Government Furnished Equipment at Contract Award

1.1. Work Stations

Item #	Item	Product	Quantity
1	Mobile workstation	Dell Precision M6800 (16GB of RAM)	14
2	PC	Northern Micro Spirit (4.0D 3D Simulation Workstation)	11
3	Monitor	Phillips 231P4QPYEB	36
4	Switch (5 port)	Asus, GX-D1051	2

1.2. Server Room

Item #	Item	Product	Quantity
5	SAN	NetApp FAS 2040	2
6	Blade Chassis	HP C7000	1
7	Blade Server	HP BL460c G7	4
8	UPS	HP_R/T3000 G2-UPS	3
9	KVM console	HP_TFT7600 G2 KVM Console Rackmount Keyboard Monitor	4
10	KVM server	HP_Server Console Switch 0x2x8 - KVM switch	3
11	UPS	HP_R5KVA 3U L630 High Voltage NA/JP Uninterruptible Power System	1
12	Server	HP Proliant DL585	1
13	Server	Dell R630	2
14	Server	Dell R730	3
15	Switch	Cisco 3750x	3

1.3. Software

DND will provided all necessary software to carry out the work being tasked to the Contractor. This includes but is not limited to:

- Custom DND software and source code to set up the necessary Simulation Development and Test environments
- Software Bug Tracking Tool
- Server operating systems and other server software to set up simulation test environments.
- Workstation software required to perform tasks
- All necessary software licences to run the provided software

2. Hardware Environments

2.1. Workstations

Workstations will be provided for the contractor's facility to allow them to perform their tasks. The suggested configurations for these workstations are as follows:
- 3 workstations each with 1 x Item 1 and 1 x Item 3
- 11 workstations each with 1 x Item 1, 1 x Item 2 and 3 x Item 3

Item # 4 is a miscellaneous item that may be used as the contractor sees fit. It is provided in order to network multiple workstations if necessary during development and testing.

2.2. Server Room

Hardware is being provided in order for the Contractor to set up a Development and Test Environment in their facility. This hardware will facilitate the Development, Testing and Configuration Management of the software the Contractor will be tasked to modify, develop and support. The Contractor will be tasked to maintain this hardware.

The environments and software running on the hardware in the server room will be accessed from the provided work stations using the Contractor's network.

2.2.1. Example Server Room Software Environments

- Configuration Management Repository
- VMWare Management
- Simulation Software Environment
- File services
- Source Code Repositories
- Backup
- DHCP/DNS
- Active Directory
- VPN

2.2.2. Server Room Requirements

The Server Room must be adequately constructed to house and operate the list of provided items in Section 1.2. This includes:
- Adequate door width and height to allow moving the items into the room.

- Adequate ceiling height to accommodate the hardware.
- Equipped to deal with a potential fire in the room.
- Adequate cooling (Air Conditioning) and ventilation to operate the provided hardware at the recommended performance specifications.
- Adequate capacity and quality of electrical systems to support all the hardware powered on and running at the recommended performance specifications.
- Abide by all building codes for a room that houses equipment of this nature.
- Equipped with a locked door to limit access to the room.

APPENDIX A TO ANNEX A
TASKING ASSESSMENT PROCEDURE

1.   Where a requirement for a specific task is identified, a draft Task Authorization Form (TA Form) as attached at Appendix B to Annex A will be provided to the Contractor in accordance with the allocation methodology stated in the Contract Article titled "Allocation of Task Authorizations"., Once a draft TA Form is received the Contractor must submit to the Technical Authority a quotation of rates to supply the requested Resource Categories based on the information identified in the TA Form.   The quotation must be signed and submitted to Canada within the time for response identified in the TA Form. The Contractor will be given a minimum of 48 hours turnaround time to submit a quotation.

2.   For each proposed resource the Contractor must supply a résumé, the requested security clearance information and must complete the Response Tables at Appendix C of Annex A applicable to the Resource Categories identified in the draft TA.   The same individual must not be proposed for more than one Resource Category. The résumés must demonstrate that each proposed individual meets the qualification requirements described (including any educational requirements, work experience requirements, and professional designation or membership requirements). With respect to the proposed 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. (Refer to Appendix D to Annex A, Certifications).

    (B)   For educational requirements for a particular degree, designation or certificate, Canada will only consider educational programmes that were successfully completed by the resource before the date the draft TA was first issued to the Contractor.

    (C)   For requirements relating to professional designation or membership, the resource must have the required designation or membership by the time of draft TA issuance and must continue, where applicable, to be a member in good standing of the profession or membership throughout the assessment period and Contract Period. Where the designation or membership must be demonstrated through a certification, the certification must be current, valid and issued by the entity specified in this Contract or if the entity is not specified an accredited or otherwise recognized body, institution or entity.

    (D)   For work experience, Canada will not consider experience gained as part of an educational programme, except for experience gained through a formal co-operative programme at a post-secondary institution.

    (E)   For any requirements that specify a particular time period (e.g., 2 years) of work experience, Canada will disregard any information about experience if the résumé does not include the relevant dates (month and year) for the experience claimed (i.e., the start date and end date). Canada will evaluate only the duration that the resource actually worked on a project or projects (from his or her start date to end date), instead of the overall start and end date of a project or a combination of projects in which a resource has participated.

    (F)   A résumé must not simply indicate the title of the individual's position, but must demonstrate that the resource has the required work experience by explaining the responsibilities and work performed by the individual while in that position. Only 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

Solicitation No. - N° de l'invitation	Amd. No. - N° de la modif.	Buyer ID - Id de l'acheteur

Client Ref. No. - N° de réf. du client	File No. - N° du dossier	CCC No./N° CCC - FMS No./N° VME

in which a proposed resource worked at the same time on more than one project, the duration of any overlapping time period will be counted only once toward any requirements that relate to the individual's length of experience.

3. The qualifications and experience of the proposed resources will be assessed against the requirements set out in Appendix C to Annex A to determine each proposed resource's compliance with the mandatory and rated criteria. Canada may request proof of successful completion of formal training, as well as reference information. Canada may conduct reference checks to verify the accuracy of the information provided. If reference checks are done, they will be conducted in writing by e-mail (unless the contact at the reference is only available by telephone). Canada will not assess any points or consider a mandatory criteria met unless the response is received within 5 working days. On the third working day after sending out the e-mails, if Canada has not received a response, Canada will notify the Contractor by e-mail, to allow the Contractor to contact its reference directly to ensure that it responds to Canada within 5 working days. Wherever information provided by a reference differs from the information supplied by the Contractor, the information supplied by the reference will be the information assessed. Points will not be allocated or a mandatory criteria considered as met if the reference customer is not a customer of the Contractor itself (for example, the customer cannot be the customer of an affiliate of the Contractor). Nor will points be allocated or a mandatory criteria considered as met if the customer is itself an affiliate or other entity that does not deal at arm's length with the Contractor. Crown references will be accepted.

4. During the assessment of the resources proposed, should the references for two or more resources required under that TA either be unavailable or fail to substantiate the required qualifications of the proposed resources to perform the required services, the Contracting Authority may find the quotation to be non-responsive.

5. Only quotations that meet all of the mandatory criteria will be considered for assessment of the point rated criteria. Each resource proposed must attain the required minimum score for the point rated criteria for the applicable Resource Category. If the minimum score for any proposed resource is less than what is required, the Contractor's quotation will be found to be non-responsive.

6. Once the quotation has been accepted by the Technical Authority, the TA Form will be signed by Canada and provided to the Contractor for signature. The TA Form must be appropriately signed by Canada prior to commencement of any work. The Contractor must not commence work until a validly issued TA Form (the Task Authorization) has been received, and any work performed in its absence is done at the Contractor's own risk.

APPENDIX B TO ANNEX A

TASK AUTHORIZATION (TA) FORM

CONTRACTOR		CONTRACT NUMBER:	
COMMITMENT #		FINANCIAL CODING:	
TASK NUMBER (AMENDMENT):		ISSUE DATE:	RESPONSE REQUIRED BY:

1. STATEMENT OF WORK (WORK ACTIVITIES, CERTIFICATIONS AND DELIVERABLES)

SEE attached for STATEMENT OF WORK AND CERTIFICATIONS required.

2. PERIOD OF SERVICES:	FROM (DATE):		TO (DATE):
3. WORK LOCATION:			
4. TRAVEL REQUIREMENTS:			
5. LANGUAGE REQUIREMENTS:			
6. OTHER CONDITIONS/CONSTRAINTS:			
7. LEVEL OF SECURITY CLEARANCE REQUIRED FOR THE CONTRACTOR PERSONNEL:			

8. CONTRACTOR'S RESPONSE:

CATEGORY AND NAME OF PROPOSED RESOURCE	PWGSC SECURITY FILE NUMBER	PER DIEM RATE	ESTIMATED # OF DAYS	TOTAL COST
		ESTIMATED COST		
		GST/HST APPLICABLE TAXES		
		TOTAL LABOUR COST		
		TOTAL TRAVEL & LIVING COST		
		FIRM PRICE OR MAXIMUM TA PRICE		

CONTRACTOR'S SIGNATURE

Name, Title and Signature of Individual Authorized to Sign

on behalf of **Contractor** (type or print)

Signature: _____

Date: _____

TASK AUTHORIZATION (TA) FORM

CONTRACTOR		**CONTRACT NUMBER:**	
COMMITMENT #		**FINANCIAL CODING:**	
TASK NUMBER (AMENDMENT):		**ISSUE DATE:**	**RESPONSE REQUIRED BY:**

7. APPROVAL - SIGNING AUTHORITY

Signatures (Client)	**Signatures (PWGSC)**
Name, Title and Signature of Individual Authorized to sign:	
Technical Authority: _____	Contracting Authority [1]: _____
Date: _____	Date: _____

[1] Signature required for projects valued at $250,000. or more, GSTApplicable Taxes included.

You are requested 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 services listed herein and in any attached sheets at the price set out there of.

Government of Canada	Gouvernement du Canada	Contract Number / Numéro du contrat
		Common PS SRCL#20
		Security Classification / Classification de sécurité
		UNCLASSIFIED

SECURITY REQUIREMENTS CHECK LIST (SRCL)
LISTE DE VÉRIFICATION DES EXIGENCES RELATIVES À LA SÉCURITÉ (LVERS)

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine	Public Works and Government Services Canada	2. Branch or Directorate / Direction générale ou Direction Acquisitions Branch

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

Professional Services - Standing Offers and Supply Arrangements

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

6. Indicate the type of access required / Indiquer le type d'accès requis

	No / Non	Yes / Oui
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)		✓
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.	✓	
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?	✓	

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	✓	NATO / OTAN		Foreign / Étranger	

7. b) Release restrictions / Restrictions relatives à la diffusion

No release restrictions Aucune restriction relative à la diffusion	✓	All NATO countries Tous les pays de l'OTAN		No release restrictions Aucune restriction relative à la diffusion	
Not releasable À ne pas diffuser					
Restricted to: / Limité à :		Restricted to: / Limité à :		Restricted to: / Limité à :	
Specify country(ies): / Préciser le(s) pays :		Specify country(ies): / Préciser le(s) pays :		Specify country(ies): / Préciser le(s) pays :	

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

Canada		NATO		Foreign / Étranger	
PROTECTED A / PROTÉGÉ A	✓	NATO UNCLASSIFIED / NATO NON CLASSIFIÉ		PROTECTED A / PROTÉGÉ A	
PROTECTED B / PROTÉGÉ B	✓	NATO RESTRICTED / NATO DIFFUSION RESTREINTE		PROTECTED B / PROTÉGÉ B	
PROTECTED C / PROTÉGÉ C	✓	NATO CONFIDENTIAL / NATO CONFIDENTIEL		PROTECTED C / PROTÉGÉ C	
CONFIDENTIAL / CONFIDENTIEL	✓	NATO SECRET / NATO SECRET		CONFIDENTIAL / CONFIDENTIEL	
SECRET / SECRET	✓	COSMIC TOP SECRET / COSMIC TRÈS SECRET		SECRET / SECRET	
TOP SECRET / TRÈS SECRET				TOP SECRET / TRÈS SECRET	
TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT)				TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT)	

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Security Classification / Classification de sécurité

UNCLASSIFIED

Canada

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?
If Yes, indicate the level of sensitivity:
Dans l'affirmative, indiquer le niveau de sensibilité : — **No ✓ / Non** ☐ Yes / Oui

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

✓ RELIABILITY STATUS COTE DE FIABILITÉ	✓ CONFIDENTIAL CONFIDENTIEL	✓ SECRET SECRET	☐ TOP SECRET TRÈS SECRET
☐ TOP SECRET– SIGINT TRÈS SECRET – SIGINT	☐ NATO CONFIDENTIAL NATO CONFIDENTIEL	☐ NATO SECRET NATO SECRET	☐ COSMIC TOP SECRET COSMIC TRÈS SECRET
☐ SITE ACCESS ACCÈS AUX EMPLACEMENTS			

Special comments:
Commentaires spéciaux : _____

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.
REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work?
Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? — **No ✓ / Non** ☐ Yes / Oui

If Yes, will unscreened personnel be escorted?
Dans l'affirmative, le personnel en question sera-t-il escorté? — **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

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			Common PS SRCL#20
			Security Classification / Classification de sécurité UNCLASSIFIED

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

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

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

For users completing the form **online** (via the Internet), the summary chart is automatically populated by your responses to previous questions.

Dans le cas des utilisateurs qui remplissent le formulaire **en ligne** (par Internet), les réponses aux questions précédentes sont automatiquement saisies dans le tableau récapitulatif.

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET	NATO RESTRICTED NATO DIFFUSION RESTREINTE	NATO CONFIDENTIAL NATO CONFIDENTIEL	NATO SECRET	COSMIC TOP SECRET COSMIC TRÈS SECRET	PROTECTED PROTÉGÉ A / B / C			CONFIDENTIAL CONFIDENTIEL	SECRET	TOP SECRET TRÈS SECRET
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, classifier 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, classifier 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).

Government of Canada   Gouvernement du Canada

| Contract Number / Numéro du contrat |
| Common PS SRCL#20 |
| Security Classification / Classification de sécurité |
| UNCLASSIFIED |

PART D - AUTHORIZATION / PARTIE D - AUTORISATION

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

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature
Centralized Professional Services System, CPSS	Professional Sevices - Methods of Supply	*Ruben Tamen*

Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
000-000-0000	000-000-0000	SSPC.CPSS@tpsgc-pwgsc.gc.ca	2012/03/13

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

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature
Charron, Annick	SO	*Annick Charron*

Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
819-956-0615	819-934-1449	annick.charron@tpsgc-pwgsc.gc.ca	March 20, 2012

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached?
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes?

☐ No / Non   ☐ Yes / Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature

Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date

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

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature
		Jacques Saumur

Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
			28-MARCH-2012

Jacques Saumur
Contract Security Officer, Contract Security Division
Jacques.Saumur@tpsgc-pwgsc.gc.ca
Tel/Tél - 613-948-1732 / Fax/Téléc - 613-954-4171

ATTACHMENT 3.1

BIDDER CERTIFICATION FORM

BID SUBMISSION FORM		
Bidder's full legal name [***Note to Bidders: Bidders who are part of a corporate group should take care to identify the correct corporation as the Bidder***.]		
Authorized Representative of Bidder for evaluation purposes (e.g., clarifications)	Name	
	Title	
	Address	
	Telephone #	
	Fax #	
	Email	
Bidder's Procurement Business Number (PBN) [*see the Standard Instructions 2003*] [***Note to Bidders: Please ensure that the PBN you provide matches the legal name under which you have submitted your bid. If it does not, the Bidder will be determined based on the legal name provided, not based on the PBN, and the Bidder will be required to submit the PBN that matches the legal name of the Bidder***.]		
Jurisdiction of Contract: Province in Canada the bidder wishes to be the legal jurisdiction applicable to any resulting contract (if other than as specified in solicitation)		
Former Public Servants See the Article in Part 2 of the bid solicitation entitled Former Public Servant Certification for a definition of "Former Public Servant".	Is the Bidder a FPS in receipt of a pension as defined in the bid solicitation? Yes _____ No _____ If yes, provide the information required by the Article in Part 5 entitled "Former Public Servant Certification"	
	Is the Bidder a FPS who received a lump sum payment under the terms of a work force reduction program? Yes _____ No _____ If yes, provide the information required by the Article in Part 5 entitled "Former Public Servant Certification"	
Canadian Content Certification As described in the solicitation, bids with at least 80% Canadian content are being given a preference. [For the definition of Canadian goods and services, consult the PWGSC SACC clause A3050T]	On behalf of the bidder, by signing below, I confirm that [*check the box that applies*]:	

	At least 80 percent of the bid price consists of Canadian goods and services (as defined in the solicitation)	
	Less than 80 percent of the bid price consists of Canadian goods and services (as defined in the solicitation)	
Number of FTEs [Bidders are requested to indicate, the total number of full-time-equivalent positions that would be created and maintained by the bidder if it were awarded the Contract. This information is for information purposes only and will not be evaluated.]	
Security Clearance Level of Bidder *[include both the level and the date it was granted]* ***[Note to Bidders: Please ensure that the security clearance matches the legal name of the Bidder. If it does not, the security clearance is not valid for the Bidder.]***	
On behalf of the Bidder, by signing below, I confirm that I have read the entire bid solicitation including the documents incorporated by reference into the bid solicitation and I certify that: 1. The Bidder considers itself and its products able to meet all the mandatory requirements described in the bid solicitation; 2. This bid is valid for the period requested in the bid solicitation; 3. All the information provided in the bid is complete, true and accurate; and 4. If the Bidder is awarded a contract, it will accept all the terms and conditions set out in the resulting contract clauses included in the bid solicitation.	
Signature of Authorized Representative of Bidder	

ATTACHMENT 4.1 EVALUATION CRITERIA

FOR A CONTRACT AGAINST A SUPPLY ARRANGEMENT FOR
TASK-BASED IN INFORMATICS PROFESSIONAL SERVICES
(TBIPS)
(TIER 2)
Programmer/Analyst (A.7) (Level 1, 2 & 3)
System Analyst (A.8) (Level 3)
Test Coordinator (A.10) (Level 1)
Tester (A.11) (Level 1)
IM Architect (I.5) (Level 3)
System Administrator (I.9) (Level 1, 2 & 3)
Technology Architect (I.11) (Level 3)
Enterprise Architect (P.2) (Level 3)
Project Manager (P.9) (Level 3)
FOR
THE DEPARTMENT OF NATIONAL DEFENCE

1. MANDATORY REQUIREMENTS:

Only proposals that meet all of the mandatory requirements for all of the resources proposed herein will be considered for evaluation under the point rated requirements.

Should any of the requirements under this section be omitted from the proposal, it will be deemed as non-responsive and will be given no further consideration for any phase of this solicitation.

The Bidder must provide one (1) qualifying resume for each of the Resource Categories outlined in Table 1 – Resource Category Requirements. A qualifying resume must meet the Mandatory Criteria outlined in Section 3 Resource Category Descriptions with Mandatory and Point Rated Requirements. The Bidder must complete an evaluation grid for each of the resumes being provided and, for each criteria, must indicate the section in the resume where compliance with the criteria is described. Failure to provide a qualifying resume for each Resource Category results in a non-compliant bid.

The following information should be included for <u>each</u> project (Project is defined as: A set of activities required to produce certain defined outputs, or to accomplish specific goals or objectives, within a defined schedule and resource budget. A project exists only for the duration of time required to complete its stated objectives.)
- Project description
- Relevance of the project to the requirements outlined in this statement of work
- Name and description of client organization
- Name and phone number of client reference
- Project timeframe
- Contribution of the individual to the project
- Objective and outcome of the project

2. RATED REQUIREMENTS:

In this section, details should be provided regarding the qualifications, relevant experience and expertise of the proposed resource. The experience of the proposed resource must be clearly identified by providing a summary/description of the previous projects worked on, and indicating when the work was carried out and the client.

Bidders are advised that only listing experience without providing any supporting data to describe responsibilities, duties and relevance to the requirements will not be considered "demonstrated" for the purpose of this evaluation. 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. Experience gained during formal education shall not be considered work experience. All requirements for work experience shall be obtained in a legitimate work environment as opposed to an educational setting. Co-op terms are considered work experience provided they are related to the required services. **<u>Experience" means the requirement was performed as a primary responsibility.</u>**

Bidders are also advised that the month(s) of experience listed for a project whose timeframe overlaps that of another referenced project will only be counted once. **For example**, Project 1 timeframe is July 2001 to December 2001; Project 2 timeframe is October 2001 to January 2002; the total months of experience for these two project references is seven (7) months.

It is requested that for each of the criteria, bidder statements in this section make direct reference, project identifier, page number, to the supporting section(s) in the proposed resource's resume.

Table 1 - Resource Category Requirements	
RESOURCE CATEGORY	*LEVEL*
Programmer/Analyst (A.7) [Simulation]	1
Programmer/Analyst (A.7) [Simulation]	2
Programmer/Analyst (A.7) [VBS2]	2
Programmer/Analyst (A.7) [JCATS]	3
Programmer/Analyst (A.7) [SimSpeak]	3
System Analyst (A.8) [ABACUS]	3
System Analyst (A.8) [JSAF]	3
Test Coordinator (A.10) [Simulation]	1
Tester (A.11) [Simulation]	1
IM Architect (I.5) [Simulation]	3
System Administrator (I.9)	1
System Administrator (I.9)	2
System Administrator (I.9)	3
Technology Architect (I.11) [Simulation]	3
Enterprise Architect (P.2) [Simulation]	3
Project Manager (P.9)	3

3. Resource Category Descriptions with Mandatory and Point Rated Requirements

Corporate Experience				Where this is demonstrated in the bid
Past Software Projects	The Bidder must demonstrate the organization's experience in software development on large projects while concurrently providing support services for the same software. For the client application, the Bidder must provide the following information (should not exceed a total of 500 words). 1. Project name 2. Client organization 3. Start date (mm-yyyy) 4. End date (mm-yyyy) 5. Description of client application 6. Number of years providing software development with support services	**Max – 15 Points** **2 points** will be awarded for each year that concurrent software development and support services were provided, to a maximum of 15 points, or; If the software development and support was for a piece of Simulation Software, **3 points** will be awarded for each year (instead of 2 points for each year).	Points	
Responsiveness	The Bidder must provide a written response that should not exceed 1000 words indicating its process for problem resolution with regards to bug reports and new feature requests raised against its software. The Bidder must indicate the following information for this scenario: 1. Describe an example scenario of a past bug	**Max – 15 Points** 5 points – example scenario was described. 5 points – resolution process was outlined 5 points – solution was delivered within the specified timeline for resolution.	Points	

	report or feature request. 2. Indicate the timeline given by the stakeholder for resolution of the issue. 3. Describe the steps taken to resolve the issue. 4. Describe whether the solution was delivered within the provided timeline. Bidder should indicate all assumptions made in their response.			
Governance Structure and Client Relationship Management	The Bidder must provide a written response that should not exceed 1000 words total which describes the governance structure and approach to client relationship management with regard to its software development and support services: • An outline of the approach and methodology to manage the relationship with the Client and team members; and team members and the Client. • A brief description of the roles and responsibilities within the Bidder's organization that are proposed to satisfy the Tasks in the Statement of Work • An overview of the escalation process within the Bidder's organization to be applied in cases of difficulties.	**Max – 15 Points** 10 points - Response is complete: • approach and methodology is included - 4 points • description of roles and responsibilities is included - 3 points • escalation process is indicated - 3 points 5 points - Roles and responsibilities and governance structure in response demonstrate: • full understanding of the Tasks in the Statement of Work – 5 points; **or** • partial understanding of the Tasks in the Statement of Work – 3 points; **or** • lack of understanding of the Tasks in the Statement of Work – 0 points	Points	

	Max Total Mark: 45		
Additional Information: **Tasks** from the Statement of Work to be addressed in the description of roles and responsibilities: • Modification Services • Software Development • Day to Day Support Services Full understanding: The bidder described the roles and responsibilities within the bidder's organization to satisfy **all Tasks** in the Statement of Work Partial understanding: The bidder described the roles and responsibilities within the bidder's organization to satisfy **some of the Tasks** (i.e. not all of the Tasks) in the Scope of Work. Lack of understanding: The bidder's description of roles and responsibilities did not address any of the Tasks in the Scope of the Statement of Work.		

Contractor Facility Requirements				
Mandatory Criteria – The Bidder (Company) must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is certified in the bid**
M1	The Bidder certifies that it will have sufficient office space/work space to accommodate up to 25 Workstations at contract award (See Section 2.1 of Appendix 1: Hardware and Software Environments for recommended Workstation configurations).			
M2	The Bidder certifies that it will have access to a "Server Room" in its facility at contract award. The Server Room must be suitable to house and operate hardware for a development and test environment (See Section 2.2 of Appendix 1: Hardware and Software Environments for more details). The following requirements must be met for the Server Room to be deemed compliant: • Adequate door width and height to allow moving the items into the room. • Adequate ceiling height to accommodate the hardware. • Equipped to deal with a potential fire in the room. • Adequate cooling (Air Conditioning) and ventilation to operate the provided hardware at the recommended performance specifications. • Adequate capacity and quality of electrical systems to support all the hardware powered on and running at the recommended performance specifications. • Abide by all building codes for a room that houses equipment of this nature. • Equipped with a locked door to limit access to the room.			

Programmer/Analyst (A.7) [Simulation]– Level 1					
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.			**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	University undergraduate degree in Computer Science, Mathematics or Engineering; - OR - Two (2) year College level certificate in Computer Science or equivalent -and- a minimum of two (2) years of demonstrated work experience in a software development field within the last four (4) years;				
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**		
R1	Demonstrated simulation software development experience creating, modifying or improving the following applications (or applications that interface with the following applications) using the following languages and environments: • ABACUS, JCATS, JSAF, VBS or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in a NetBeans/git environment. • ABACUS, JCATS, JSAF, VBS or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in any IDE/version control system environment. • Any military simulation with Java, C++ or C. • Any application with Java, C++, or C. • Any application with any programming language.	**Max – 5 Points** 1 point – **Six (6) months or more** demonstrated development experience creating, modifying or improving any software application with any programming language. 2 points – **Six (6) months or more** demonstrated development experience creating, modifying or improving any software application with **Java, C++, or C.** 3 points – **Six (6) months or more** demonstrated development experience creating, modifying or improving any **military simulation** with Java, C++, or C. 4 points – **Six (6) months or more** demonstrated development experience creating, modifying or improving **ABACUS, JCATS, JSAF, VBS (or applications that interface with them) or Simulated to Live Interface (STLI) Software (such as VCCI)** with Java, C++, or C. 5 points - **Six (6) months or more** demonstrated development experience creating, modifying or improving ABACUS, JCATS, JSAF, VBS (or applications that interface with them) or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in a **NetBeans/git environment**.			
		Max Total Mark: 5			

Programmer/Analyst (A.7)[Simulation] – Level 2				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	University Master's degree in Computer Science, Mathematics or Engineering -and- a minimum of four (4) years of demonstrated work experience in a software development field within the last ten (10) years; - OR - University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of five (5) years of demonstrated work experience in a software development field within the last ten (10) years; - OR - Two (2) year College level certificate in Computer Science or equivalent -and- a minimum of five (5) years of demonstrated work experience in a software development field within the last seven (7) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated simulation software development experience creating, modifying or improving the following applications (or applications that interface with the following applications) using the following languages and environments: • ABACUS, JCATS, JSAF, VBS or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in a NetBeans/git environment. • ABACUS, JCATS, JSAF, VBS or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in any IDE/version control	**Max – 5 Points** 1 point – Two (2) years or more demonstrated development experience creating, modifying or improving any software application with any programming language. 2 points – Two (2) years or more demonstrated development experience creating, modifying or improving any software application with **Java, C++, or C.** 3 points – Two (2) years or more demonstrated development experience creating, modifying or improving any **military simulation** with Java, C++, or C. 4 points – Two (2) years or more demonstrated development experience creating, modifying or improving **ABACUS, JCATS, JSAF, VBS (or applications that interface with them) or Simulated to Live Interface (STLI) Software (such as VCCI)** with Java, C++, or C. 5 points - Two (2) years or more demonstrated development experience creating, modifying or improving		

	system environment. • Any military simulation with Java, C++ or C. • Any application with Java, C++, or C. - OR - • Any application with any programming language.	ABACUS, JCATS, JSAF, VBS (or applications that interface with them) or Simulated to Live Interface (STLI) Software (such as VCCI) with Java, C++, or C in a **NetBeans/git environment.**		
R2	Demonstrated simulation software development experience creating, modifying or improving java code using MySQL JDBC: • To interact with JC3IEDM based databases. • To interact with any MIP information exchange data model based databases. - OR - • To interact with databases of any schema.	**Max – 3 Points** 1 point - Two (2) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC. 2 points – Two (2) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC **to interact with any MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 3 points – Two (2) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC to interact with **JC3IEDM** based databases**.**		
R3	Demonstrated simulation software development experience creating, modifying or improving java code using: • LuciadMap libraries. - OR - • Any java GIS libraries.	**Max – 2 Points** 1 point – Two (2) years or more demonstrated development experience creating, modifying or improving java code using any GIS library. 2 points – Two (2) years or more demonstrated development experience creating, modifying or improving java code using **LuciadMap libraries.**		
		Max Total Mark: 10		

Programmer/Analyst (A.7) [VBS] – Level 2		Met	Not Met	Where this is demonstrated in the bid
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.				
M1	Minimum of five (5) years of demonstrated work experience in a software development field.			
M2	University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of two (2) years of demonstrated work experience in the military simulation software development field within the last seven (7) years; - OR -			

			Points	
	Two (2) year College level certificate in Computer Science or equivalent -and- a minimum of five (5) years of demonstrated work experience in the military simulation software development field within the last seven (7) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience developing and maintaining simulation software that enables a FPS (preferably VBS) to provide a simulated UAV video stream for army headquarters training events.	**Max – 4 Points** 2 points — Two (2) years or more demonstrated experience developing and maintaining software that enables a FPS to provide a simulated UAV video stream for army headquarters training events. 4 points – – Two (2) years or more demonstrated experience developing and maintaining software that enables **VBS** to provide a simulated UAV video stream for army headquarters training events.		
R2	Demonstrated simulation software development experience creating, modifying or improving the following applications (or applications that interface with the following applications) using the following languages: • VBS and Simulated to Live Interface (STLI) Software (such as VCCI) using Java or C++. • VBS using Java or C++. • Any simulation using Java, or C++.	**Max – 10 Points** 3 points – Five (5) years or more demonstrated development experience creating, modifying or improving any simulation with java or C++. 6 points – Five (5) years or more demonstrated development experience creating, modifying or improving **VBS (or applications that interface with VBS)** using java or C++. 10 points – Five (5) years or more demonstrated development experience creating, modifying or improving VBS (or applications that interface with VBS) and Simulated to Live Interface (STLI) Software (such as VCCI) using java or C++.		
		Max Total Mark: 14		

Programmer Analyst (A.7) [JCATS] – Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated work experience in a software development field.			

			Points	
M2	University Master's degree in Computer Science, Mathematics or Engineering -and- a minimum of four (4) years of demonstrated work experience in the military simulation software development field within the last eight (10) years; - OR - University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of five (5) years of demonstrated work experience in the military simulation software development field within the last ten (10) years; - OR - Two (2) year College level certificate in Computer Science or equivalent -and- Minimum of seven (7) years of demonstrated work experience in a military simulation software development field within the last ten (10) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	Points	
R1	Demonstrated simulation software development experience creating, modifying or improving the following software using the following languages: • Simulated to Live Interface (STLI) Software (such as VCCI) using java or C++. • Any application that interfaces with JCATS using LLNL specific protocols/formats using java or C++. • Any application that interfaces with JCATS using open or non-LLNL specific protocols/formats such as DIS or HLA using java or C++. • Any application that interfaces with JCATS using any protocol/format(s) using any programming language. • Any application that interfaces with an entity level constructive	**Max – 14 Points** 2 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with a simulation using any programming language. 4 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with a **military** simulation using any programming language. 6 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with **an entity level constructive simulation similar to JCATS** using any programming language. 8 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with **JCATS** using any programming language. 10 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with JCATS **using open or non-LLNL specific protocols/formats (such as HLA or DIS) using java or C++.** 12 points Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with JCATS **using LLNL specific protocols/formats using java or C++.**		

	simulation similar to JCATS using any protocols/format using any programming language. • Any application that interfaces with any military simulation using any programming language. - OR - • Any application that interfaces with any simulation using any programming language.	14 points - Seven (7) years or more demonstrated development experience creating, modifying or improving **Simulated to Live Interface (STLI) Software** (such as VCCI) that interfaces with JCATS using LLNL specific protocols/formats using java or C++..		
R2	Demonstrated simulation software development experience creating, modifying or improving java code using MySQL JDBC: • To interact with JC3IEDM based databases. • To interact with any MIP information exchange data model based databases. - OR - • To interact with databases of any schema.	**Max – 5 Points** 1 point – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC. 3 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC **to interact with any MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 5 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC to interact with **JC3IEDM** based databases**.**		
R3	Demonstrated experience correcting deficiencies, and enhancing JCATS force characteristics configuration (.**fchar**) files including developing and maintaining software that reads those files.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R4	Demonstrated experience correcting deficiencies, and enhancing JCATS force plan configuration (.**fplan**) files including developing and maintaining software that reads those files.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated		

		experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R5	Demonstrated experience correcting deficiencies, enhancing JCATS terrain files (.**daf**) including developing and maintaining software that reads those files.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R6	Demonstrated experience providing on-site support for JCATS and Simulated to Live Interface (STLI) Software (such as VCCI) during army unit or formation headquarters training events in Canada or the UK.	**Max – 3 Points** 1 point – has provided on-site support for JCATS and Simulated to Live Interface (STLI) Software (such as VCCI) on **1 to 5** army unit or formation headquarters training events in Canada or the UK. 2 points – has provided on-site support for JCATS and Simulated to Live Interface (STLI) Software (such as VCCI) on **6 to 10** army unit or formation headquarters training events in Canada or the UK. 3 points – has provided on-site support for JCATS and Simulated to Live Interface (STLI) Software (such as VCCI) on **10+** army unit or formation headquarters training events in Canada or the UK.		
		Max Total Mark: 37		

Programmer/Analyst (A.7)[SimSpeak] – Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated work experience in a software development field.			
M2	University Master's degree in Computer Science, Mathematics or Engineering -and- a minimum of four (4) years of demonstrated work experience in the military simulation software development field within the last ten (10) years; - OR - University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of five (5) years of demonstrated work experience in the military simulation software development field within the last ten (10) years;			

	- OR - Two (2) year College level certificate in Computer Science or equivalent -and- Minimum of seven (7) years of demonstrated work experience in a military simulation software development field within the last ten (10) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated C++ experience developing the following applications, with the following frameworks, or protocols: • Simulated Radio Communication Software (such as SimSpeak) • Simulated military communications audio over RTP/RTCP -AND- DIS. • Simulated military communications audio over RTP/RTCP -OR- DIS. • Simulated communications audio over RTP/RTCP -OR- DIS. • Any audio data over RTP/RTCP OR DIS.	**Max – 10 Points** 2 points – Five (5) years or more demonstrated experience developing C++ that processes and transports audio data over RTP/RTCP -OR- DIS. 4 points – Five (5) years or more demonstrated experience developing C++ that processes and transports **simulated communications** audio data over RTP/RTCP -OR- DIS. 6 points – Five (5) years or more demonstrated experience developing C++ that processes and transports simulated **military** communications audio data over RTP/RTCP -OR- DIS. 8 points – Five (5) years or more demonstrated experience developing C++ that processes and transports simulated military communications audio data over RTP/RTCP **-AND-** DIS. 10 points – Five (5) years or more demonstrated experience developing **Simulated Radio Communication Software (such as SimSpeak)** using C++ that processes and transports simulated **military** communications audio data over RTP/RTCP **-AND-** DIS.		
R2	Demonstrated C++ experience developing photorealistic User Interfaces (UIs) with Qt.	**Max – 6 Points** 2 points – Five (5) years or more demonstrated experience developing C++ photorealistic UIs of any hardware components with Qt. 4 points – Five (5) years or more demonstrated experience developing C++ photorealistic UIs of hardware components of a live system (such as LCSS**)** with Qt. 6 points – Five (5) years or more demonstrated experience developing C++ photorealistic UIs of hardware components of a live Radio Communication system with Qt.		

R3	Demonstrated Java experience developing the following applications, with the following frameworks, or protocols: • Simulated to Live Interface (STLI) Software (such as VCCI). • Any military simulation with a software framework (such as Paradigm). • Any simulation with a Software Framework (such as Paradigm). • Any simulation using any distributed component, service oriented, N-tier architecture.	**Max – 4 Points** 1 point – Two (2) years or more demonstrated Java experience developing any simulation using any distributed component, service oriented, N-Tier architecture. 2 points - Two (2) years or more demonstrated Java experience developing any simulation with a software framework (such as Paradigm). 3 points - Two (2) years or more demonstrated Java experience developing any **military** simulation with a software framework (such as Paradigm). 4 points - Two (2) years or more demonstrated Java experience developing any military simulation with a software framework (such as Paradigm) - AND - Simulated to Live Interface (STLI) Software (such as VCCI).		
		Max Total Mark: 20		

System Analyst (A.8) [ABACUS] – Level 3			
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.	**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated work experience in a software development field.			
M2	University undergraduate degree in Computer or Electrical engineering from a Canadian Council of Professional Engineers (CCPE) accredited engineering program **(Copy of certificate to be provided with the Bidder's proposal)**. Alternatively, should the candidate's degree be from a non-CCPE accredited engineering program, their engineering education credentials must be deemed 'substantially equivalent' by the CCPE via an application to the Engineering International - Education Assessment Program, (EI-EAP), **(Copy of the official CCPE judgement to be included)**. Finally, as a third alternative, the candidate's engineering education credentials shall be considered compliant if the candidate is deemed eligible for registration as a Professional Engineer by a recognized provincial licensing body **(proof of which is to be provided with the Bidder's proposal).**			
Rated Criteria	**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated simulation software development experience creating, modifying or improving the	**Max – 10 Points** 2 points - Five (5) years or more of demonstrated development experience creating, modifying or improving		

Note: The table structure above represents the merged layout. The mandatory/rated criteria table columns are: criteria number, description, Met, Not Met, Where this is demonstrated in the bid.

	following software using the following languages: • Simulated to Live Interface (STLI) Software (such as VCCI) using java. • Any application that interfaces with ABACUS using ABACUS' client/server network communication protocol using java. • Any application that interfaces with ABACUS using ABACUS' client/server network communication protocol using any programming language. • Any application that interfaces with an aggregate-level constructive simulation similar to ABACUS using any programming language. - OR - • Any application that interfaces with any simulation using any programming language.	software that interfaces with a simulation using any programming language. 4 points – Five (5) years or more of demonstrated development experience creating, modifying or improving software that interfaces with **an aggregate level constructive simulation similar to ABACUS** using any programming language. 6 points – Five (5) years or more of demonstrated development experience creating, modifying or improving software that interfaces with **ABACUS using ABACUS' client/server network communication protocol** using any programming language. 8 points - Five (5) years or more of demonstrated development experience creating, modifying or improving software that interfaces with ABACUS using ABACUS' client/server network communication protocol using **java**. 10 points - Five (5) years or more of demonstrated development experience creating, modifying or improving Simulated to Live Interface (STLI) Software (such as VCCI) that interfaces with ABACUS using ABACUS' client/server network communication using java.		
R2	Demonstrated simulation software development experience creating, modifying or improving java code using MySQL JDBC: • To interact with JC3IEDM based databases. • To interact with any MIP information exchange data model based databases. - OR - • To interact with databases of any	**Max – 5 Points** 1 point – Five (5) years or more of demonstrated development experience creating, modifying or improving java code using MySQL JDBC. 2 points – Five (5) years or more of demonstrated development experience creating, modifying or improving java code using MySQL JDBC **to interact with any MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 5 points - Five (5) years or more of demonstrated development experience creating, modifying or improving java code using MySQL JDBC to interact with **JC3IEDM** based databases**.**		

		schema.			
R3	Demonstrated experience developing and maintaining simulation software that reads and writes ABACUS Control Measure data.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R4	Demonstrated experience developing and maintaining simulation software that reads and controls ABACUS time-step and run state data.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R5	Demonstrated experience developing and maintaining simulation software that reads ABACUS unit information and holding data.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 point – 2 to 3 years of demonstrated experience 3 point – 3 to 4 years of demonstrated experience 4 point – 4 to 5 years of demonstrated experience 5 point – 5+ years of demonstrated experience		
R6	Demonstrated experience providing on-site support for ABACUS and Simulated to Live Interface (STLI) Software (such as VCCI) during army unit or formation headquarters training events in Canada or the UK.	**Max – 3 Points** 1 point – has provided on-site support for ABACUS and Simulated to Live Interface (STLI) Software (such as VCCI) on **1 to 5** army unit or formation headquarters training events in Canada or the UK. 2 point – has provided on-site support for ABACUS and Simulated to Live Interface (STLI) Software (such as VCCI) on **6 to 10** army unit or formation headquarters training events in Canada or the UK. 3 point – has provided on-site support for ABACUS and Simulated to Live Interface (STLI) Software (such as VCCI) on **10+** army unit or formation headquarters training events in Canada or the UK.		

	Max Total Mark: 33		

System Analyst (A.8) [JSAF] – Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated experience in a software development field.			
M2	University undergraduate degree in Computer or Electrical engineering from a Canadian Council of Professional Engineers (CCPE) accredited engineering program **(Copy of certificate to be provided with the Bidder's proposal)**. Alternatively, should the candidate's degree be from a non-CCPE accredited engineering program, their engineering education credentials must be deemed 'substantially equivalent' by the CCPE via an application to the Engineering International - Education Assessment Program, (EI-EAP), **(Copy of the official CCPE judgement to be included)**. Finally, as a third alternative, the candidate's engineering education credentials shall be considered compliant if the candidate is deemed eligible for registration as a Professional Engineer by a recognized provincial licensing body **(proof of which is to be provided with the Bidder's proposal).**			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated C experience developing the following applications, in the following environments: - JSAF - Military simulation in a Linux environment. - Military simulation on any operating system. - Any simulation on any operating system.	**Max – 5 Points** 1 point – Two (2) years or more demonstrated experience developing C for any simulation application on any operating system. 2 points – Two (2) years or more demonstrated experience developing C for a **military** simulation on any operating system. 3 points – Two (2) years or more demonstrated experience developing C for a military simulation **in a Linux environment**. 4 points – Two (2) years or more demonstrated experience developing C for a military simulation in a Linux environment and have **attended a JSAF developer course**. 5 points – Two (2) years or more demonstrated experience developing C for **JSAF and instruct on a** JSAF developer course**.		
R2	Demonstrated C++ experience developing the following applications, in the following environments: JSAF	**Max – 5 Points** 1 point – Two (2) years or more demonstrated experience developing C++ for any simulation application on any operating system.		

	- Military simulation in a Linux environment. - Military simulation on any operating system. - Any simulation on any operating system.	2 points – Two (2) years or more demonstrated experience developing C++ for a **military** simulation on any operating system. 3 points – Two (2) years or more demonstrated experience developing C++ for a military simulation **in a Linux environment**. 4 points – Two (2) years or more demonstrated experience developing C++ for a military simulation in a Linux environment and **attend a JSAF developer course**. 5 points – Two (2) years or more demonstrated experience developing C++ for **JSAF and instruct on a** JSAF developer course**.		
R3	Demonstrated Java experience developing the following applications, in the following environments: - JSAF - Military simulation in a Linux environment. - Military simulation on any operating system. - Any simulation on any operating system.	**Max – 5 Points** 1 point – Two (2) years or more demonstrated experience developing Java for any simulation application on any operating system. 2 points – Two (2) years or more demonstrated experience developing JAVA for a **military** simulation on any operating system. 3 points – Two (2) years or more demonstrated experience developing JAVA for a military simulation **in a Linux environment**. 4 points – Two (2) years or more demonstrated experience developing Java for a military simulation in a Linux environment and **attend a JSAF developer course**. 5 points – Two (2) years or more demonstrated experience developing Java for **JSAF and instruct on a** JSAF developer course**.		
R4	Demonstrated experience on the following: - Operating JSAF on a Canadian military exercise - Operating JSAF on any military exercise. - Operating a constructive simulation on any military exercise.	**Max – 5 Points** 1 point – has operated a constructive simulation on any military exercise. 3 points – has operated JSAF on any military exercise. 5 points – has operated JSAF on a Canadian military exercise.		
R5	Demonstrated experience correcting deficiencies or enhancing the JSAF entity configuration (.rdr) files.	**Max – 2 Points** 1 point – 2 months to 6 months of demonstrated experience 2 points – 6 to 12 months of		

		demonstrated experience		
R6	Demonstrated experience correcting deficiencies or enhancing Compact Terrain Database files.	**Max – 2 Points** 1 point – 2 months to 6 months of demonstrated experience 2 points – 6 to 12 months of demonstrated experience		
R7	Demonstrated experience configuring and using other interfacing simulations including: • AWSim, • XCite, • VRForces, • VBS, and • OneSAF.	**Max – 2 Points** 1 points – Three (3) months or more demonstrated experience (each) configuring and using at least three (3) of the listed interfacing simulations. 2 point – Three (3) months or more demonstrated experience (each) configuring and using five (5) of the listed interfacing simulations.		
		Max Total Mark: 26		

Test Coordinator (A.10) [Simulation]– Level 1				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of one (1) year of demonstrated work experience planning, organizing and testing software within the last three (3) years; - OR - Two (2) year College level certificate in Computer Science or equivalent -and- Minimum of two (2) years of demonstrated work experience planning, organizing, and testing software within the last five (5) years.			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience planning, organizing, and testing simulation software.	**Max – 6 Points** 2 points - One (1) year or more demonstrated experience planning, organizing and scheduling the testing of **simulation** software 4 points – One (1) year or more demonstrated experience planning, organizing and scheduling the testing of simulation software **for the Canadian military** 6 points – One (1) year or more demonstrated experience planning, organizing and scheduling the testing of simulation software that is used for Canadian **army unit or formation headquarters training**		
R2	Demonstrated experience administering, developing, or testing on	**Max – 2 Points** 1 point – 2 to 12 months of demonstrated		

		experience		
		2 points – 12+ months of demonstrated experience		
R3	Demonstrated experience administering, developing, or testing on Windows.	**Max – 2 Points** 1 point – 2 to 12 months of demonstrated experience 2 points – 12+ months of demonstrated experience		
		Max Total Mark: 10		

Tester (A.11) [Simulation]– Level 1				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	University undergraduate degree in Computer Science, Mathematics, Engineering -and- a minimum of one (1) year of demonstrated work experience in a military simulation model creation and testing field within the last three (3) years; - OR - Two (2) year College level certificate in 3D Modelling/Simulation -and- Minimum of three (3) years of demonstrated work experience in a military simulation model creation and testing field within the last five (5) years;			
M2	Minimum of three (3) years of experience within the last six (6) years creating Canadian military models in 3DS Max, preparing them with Oxygen and testing them in VBS.			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience testing simulation software that is built on the following applications, frameworks or toolkits: • VBS • Software Frameworks (such as Paradigm) • Simulated Ration Communication Software (such as SimSpeak). • Any Canadian military simulation • Any military simulation • Any simulation	**Max – 12 Points** 2 points – Three (3) years or more demonstrated experience testing any simulation 4 points – Three (3) years or more demonstrated experience testing any **military** simulation 6 points – Three (3) years or more demonstrated experience testing any **Canadian** military simulation 8 points – Three (3) years or more demonstrated experience testing any **one (1) of VBS, a Software Framework (such as Paradigm), and Simulated Radio Communication Software (such as SimSpeak).** 10 points - Three (3) years or more demonstrated experience testing any **two (2)** of VBS, a Software Framework (such as Paradigm), and Simulated Radio Communication Software (such as SimSpeak). 12 points - Three (3) years or more		

		demonstrated experience testing VBS, a Software Framework (such as Paradigm), and Simulated Radio Communication Software (such as SimSpeak).			
R2	Demonstrated experience developing fidelity tuned vehicles, weapons or mobile entities for VBS, and testing those models in VBS to ensure the appropriate fidelity was designed for the specified purpose.	**Max – 4 Points** Number of fidelity tuned models that were developed and tested. Bidders must provide the name of **each** vehicle, weapon, or mobile entity (i.e. C-16 H&K 40mm AGL). 1 point – 4 to 7 vehicles, weapons, or mobile entities. 2 point – 8 to 11 vehicles, weapons, or mobile entities. 3 point – 12 to 15 vehicles, weapons, or mobile entities. 4 point – 16+ vehicles, weapons, or mobile entities.			
		Max Total Mark: 16			

IM Architect (I.5) [Simulation] – Level 3					
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.			**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated experience in a software development field.				
M2	University undergraduate degree in engineering from a Canadian Council of Professional Engineers (CCPE) accredited engineering program **(Copy of certificate to be provided with the Bidder's proposal)**. Alternatively, should the candidate's degree be from a non-CCPE accredited engineering program, their engineering education credentials must be deemed 'substantially equivalent' by the CCPE via an application to the Engineering International - Education Assessment Program, (EI-EAP), **(Copy of the official CCPE judgement to be included)**. Finally, as a third alternative, the candidate's engineering education credentials shall be considered compliant if the candidate is deemed eligible for registration as a Professional Engineer by a recognized provincial licensing body **(proof of which is to be provided with the Bidder's proposal).**				
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**		
R1	Demonstrated experience leading a project team in developing simulation asset cataloguing system and repository with at least 100 users with the following characteristics: • Unstructured Information	**Max – 8 Points** 2 points – Three (3) years or more demonstrated experience leading a project team in developing a simulation asset cataloguing system and repository with at least 100 users and 1 of the 4 characteristics. 4 points - Three (3) years or more demonstrated experience leading a project			

	Management Architecture (UIMA) based; • Java Servlets, Hibernate, Spring, and MySQL frameworks; • Web accessible (URL must be provided); • Military intranet deployed.	team in developing a simulation asset cataloguing system and repository with at least 100 users and **2 of the 4 characteristics**. 6 points - Three (3) years or more demonstrated experience leading a project team in developing a simulation asset cataloguing systems and repository with at least 100 users and **3 of the 4 characteristics**. 8 points - Three (3) years or more demonstrated experience leading a project team in developing a simulation asset cataloguing systems and repository with at least 100 users and **4 of the 4 characteristics.**		
R2	Demonstrated experience leading a project team in developing military simulation system of significant size with the following characteristics: • (50+ deployed systems); • A project of 4 or more full time developers for 3 years or more; -and- • Customer is Canadian military.	**Max – 6 Points** 2 points – Three (3) years or more demonstrated experience leading a project team on a project with 1 of the 3 characteristics. 4 points - Three (3) years or more demonstrated experience leading a project team on a project with **2 of the 3 characteristics**. 6 points - Three (3) years or more demonstrated experience leading a project team on a project with **3 of the 3 characteristics**.		
R3	Demonstrated IM experience in leading a team to provide After Action Review services to a sub-unit, unit, or formation simulation exercise.	**Max – 5 Points** 1 point – **Has lead** a team providing After Action Review services on **1 simulation exercise** of sub-unit, unit, or formation size. 2 points – Has lead a team providing After Action Review services on **2 simulation exercises** of sub-unit, unit, or formation size. 3 points – Has lead a team providing After Action Review services on **3 simulation exercises** of sub-unit, unit, or formation size. 4 points – Has lead a team providing After Action Review services on **4 simulation exercises** of sub-unit, unit, or formation size. 5 points – Has lead a team providing After Action Review services on **5 simulation exercises** of sub-unit, unit, or formation size.		
R4	Has achieved a Microsoft Certified Solution [or Solutions Developer	**Max – 3 Points** 3 points - Has achieved an MCSD accreditation.		

	(MCSD) accreditation.				
R5	Has participated in any NATO Modelling and Simulation Working Group (NMSG).	**Max – 3 Points** 3 points - Has participated in a NMSG.			
		Max Total Mark: 25			

System Administrator (I.9) – Level 1				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	University undergraduate degree -and- a minimum of one (1) year of demonstrated work experience in the software field within last two (2) years; - OR - Two (2) year College level certificate -and- Minimum of four (4) years of demonstrated work experience in the software field within the last six (6) years; - OR - Six (6) years of demonstrated work experience in the software field within the last seven (7) years;			
Rated Criteria	**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**		
R1	Demonstrated experience delivering software in the Industrial Security Program (ISP) and Controlled Goods Program (CGP) regulatory environments: • DLCSPM Media Library while a designated security official (ISP) under the Canadian CGP. • DLCSPM Media Library under the Canadian CGP. • Any military software delivery mechanism and process under the Canadian CGP. • Any military software delivery mechanism and process under regulatory framework of the Canadian CGP or the US International	**Max – 5 Points** 1 point – One (1) year or more demonstrated experience delivering software in accordance with any mechanism and process under the regulatory framework of the Canadian CGP or the US ITAR. 2 points – One (1) year or more demonstrated experience delivering software in accordance with any **military** mechanism and process under the regulatory framework of the Canadian CGP or the US ITAR. 3 points – One (1) year or more demonstrated experience delivering software in accordance with any military mechanism and process under the regulatory framework of the Canadian CGP. 4 points - One (1) year or more demonstrated experience delivering software for the **DLCSPM Media Library** under the regulatory framework of the Canadian CGP. 5 points - One (1) year or more demonstrated experience delivering software for the DLCSPM Media Library **while a corporate designed security official (ISP) and** under the Canadian			

			Met	Not Met	Where this is demonstrated in the bid
	Traffic In Arms Regulations (ITAR). • Any software delivery mechanism and process under regulatory framework of the Canadian CGP or the US ITAR.	CGP. **(Copy of the CSO or ACSO form to be provided with the Bidder's proposal.)**			
R2	Demonstrated experience creating and supporting the following virtual platforms for the following applications: • VMWare 5.X VMs for ABACUS and JCATS. • Any version of VMWare for any military simulation application. • Any virtualization environment for any application.	**Max – 3 Points** 1 point – One (1) year or more demonstrated **experience** creating and supporting any virtualization environment for any application. 2 points – One (1) year or more demonstrated experience creating and supporting **any version of VMWare for any military simulation application**. 3 points – One (1) year or more demonstrated experience creating and supporting **VMWare 5.X for ABACUS and JCATS.**			
R3	Demonstrated experience on the following: • Operating JSAF, ABACUS, or JCATS on a Canadian military exercise • Operating JSAF, ABACUS, or JCATS on any military exercise. • Operating a constructive simulation on any military exercise.	**Max – 5 Points** 1 point – has operated a constructive simulation on any military exercise. 3 points – has operated JSAF on any military exercise. 5 points – has operated JSAF on a Canadian military exercise.			
		Max Total Mark: 13			

System Administrator (I.9) – Level 2				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of five (5) years of demonstrated experience in the software field.			
M2	University undergraduate degree in Computer Science,			

		Mathematics or Engineering -and- a minimum of three (3) years of demonstrated work experience in the software field within last six (6) years; - OR - Two (2) year College level certificate in computer science or equivalent -and- Minimum of five (5) years of demonstrated work experience in the software field within the last eight (8) years; - OR - Eight (8) years of demonstrated work experience in the software field within the last ten (10) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience setting up and administering Microsoft Windows Server 2003/2008.	**Max – 5 Points** 1 point – 2 months to 2 years of demonstrated experience 2 points – 2 to 4 years of demonstrated experience 3 points – 4 to 6 years of demonstrated experience 4 points – 6 to 8 years of demonstrated experience 5 points – 8+ years of demonstrated experience		
R2	Demonstrated experience setting up and administering Microsoft Active Directory.	**Max – 5 Points** 1 point – 2 months to 2 years of demonstrated experience 2 points – 2 to 4 years of demonstrated experience 3 points – 4 to 6 years of demonstrated experience 4 points – 6 to 8 years of demonstrated experience 5 points – 8+ years of demonstrated experience		
R3	Demonstrated experience setting up and administering DNS servers.	**Max – 5 Points** 1 point – 2 months to 2 years of demonstrated experience 2 points – 2 to 4 years of demonstrated experience 3 points – 4 to 6 years of demonstrated experience 4 points – 6 to 8 years of demonstrated experience 5 points – 8+ years of demonstrated experience		
R4	Demonstrated experience creating and supporting the following virtual platforms for the following applications: • VMWare 5.X VMs for	**Max – 3 Points** 1 point – One (1) year or more demonstrated **experience** creating and supporting any virtualization environment for any application. 2 points – One (1) year or more demonstrated experience creating and supporting **any version of VMWare for**		

	ABACUS and JCATS. • Any version of VMWare for any military simulation application. • Any virtualization environment for any application.	**any military simulation application**. 3 points – One (1) year or more demonstrated experience creating and supporting **VMWare 5.X for ABACUS and JCATS.**		
R5	Demonstrated experience setting up and supporting LAN and WAN environments using the following technologies: • IPCOP VPNs and HP Core switches. • Any VPN and router technology with any local switching infrastructure.	**Max – 2 Points** 1 point – One (1) year or more demonstrated experience setting up and supporting any VPN and router technology with any local switching infrastructure. 2 point – One (1) year or more demonstrated experience setting up **IPCOP VPNs and HP Core switches**.		
		Max Total Mark: 20		

System Administrator (I.9) – Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated experience in the software field.			
M2	University Master's degree in Computer Science, Mathematics, or Engineering -and- a minimum of four (4) years of demonstrated work experience in the software field within last ten (10) years; - OR - University undergraduate degree in Computer Science, Mathematics, or Engineering -and- a minimum of five (5) years of demonstrated work experience in the software field within last ten (10) years; - OR - Two year College level certificate in computer science or equivalent -and- Minimum of seven (7) years of demonstrated work experience in the software field within the last ten (10) years; - OR - Twelve (12) years of demonstrated work experience in the software field within the last fifteen (15) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience providing input to	**Max – 8 Points** 2 points – Two (2) years or more		

	management within a software development organisation to improve the quality of the overall system and monitoring/control the cost of its development and operation. The following characteristics must be considered: • Canadian Military Simulation(s); • Military Simulation(s); • Simulation(s); - OR - • Any software system(s).	demonstrated experience providing input to management within a software development organisation to improve the quality of the overall system and monitoring/control the cost of its development and operation for **any software system**. 4 points – Two (2) years or more demonstrated experience providing input to management within a software development organisation to improve the quality of the overall system and monitoring/control the cost of its development and operation for any **simulation** system. 6 points – Two (2) years or more demonstrated experience providing input to management within a software development organisation to improve the quality of the overall system and monitoring/control the cost of its development and operation for any **military simulation** system. 8 points - Two (2) years or more demonstrated experience providing input to management within a software development organisation to improve the quality of the overall system and monitoring/control the cost of its development and operation for any **Canadian military simulation** system.		
R2	Demonstrated experience in requirements or cost-tracking in military C2 or simulation development domains.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 points – 2 to 3 years of demonstrated experience 3 points – 3 to 4 years of demonstrated experience 4 points – 4 to 5 years of demonstrated experience 5 points – 5+ years of demonstrated experience		
		Max Total Mark: 13		

Technology Architect (I.11) [Simulation]– Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated work experience in a software development field.			
M2	University Master's degree in Computer Science, Mathematics or Engineering -and- a minimum of four (4) years of demonstrated work experience in the military simulation			

			Points	
	software development field within the last ten (10) years; - OR - University undergraduate degree in Computer Science, Mathematics or Engineering -and- a minimum of five (5) years of demonstrated work experience in the military simulation software development field within the last ten (10) years; - OR - Two (2) year College level certificate in Computer Science or equivalent -and- Minimum of seven (7) years of demonstrated work experience in a military simulation software development field within the last ten (10) years;			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience devising a distributed component, service oriented, N-Tier architecture and transforming a team of at least 10 developers from using a database centric architecture to using the new architecture. The characteristics of the architecture transformation include: • Military simulation domain; • Connectivity to the C4ISR systems of at least 2 nations; • The new architecture has been in place for at least 3 years and is still in use at the time of the proposal; -and- • The new architecture has been used to develop 2 or more different products spanning at least 2 of the 3 simulation classes of Live, Virtual, and Constructive.	**Max – 8 Points** 2 points – Demonstrated experience architecting a solution and leading a transformation from a database centric architecture to a distributed component, service oriented, N-Tier architecture with **1 of the 4 characteristics**. 4 points – Demonstrated experience architecting a solution and leading a transformation from a database centric architecture to a distributed component, service oriented, N-Tier architecture with **2 of the 4 characteristics**. 6 points – Demonstrated experience architecting a solution and leading a transformation from a database centric architecture to a distributed component, service oriented, N-Tier architecture with **3 of the 4 characteristics**. 8 points – Demonstrated experience architecting a solution and leading a transformation from a database centric architecture to a distributed component, service oriented, N-Tier architecture with **4 of the 4 characteristics**.		
R2	Demonstrated experience leading the authoring of a whitepaper geared towards transforming the architecture a C4ISR system of similar size, scope and complexity of LCSS (i.e. $50-100M/year).	**Max – 4 Points** 1 point – Demonstrated experience leading the authoring of a whitepaper geared towards transforming the architecture a C4ISR system of similar size, scope and complexity of LCSS (i.e. $50-100M/year) with **1 of the 4**		

	Characteristics of the authoring activity include: • Co-authoring with 3 or more OEMs (or representatives from different companies working together on the same C4ISR system); • Involving time control and wargaming aspects of Simulation-C4ISR connectivity; • Organizing and holding regular meetings for contributing authors and others providing input; -and- • Reporting back to an Architecture Working Group (or similar approving body) of the findings and outcomes.	**characteristics**. 2 points – Demonstrated experience leading the authoring of a whitepaper geared towards transforming the architecture a C4ISR system of similar size, scope and complexity of LCSS (i.e. $50-100M/year) with **2 of the 4 characteristics**. 3 points – Demonstrated experience leading the authoring of a whitepaper geared towards transforming the architecture a C4ISR system of similar size, scope and complexity of LCSS (i.e. $50-100M/year) with **3 of the 4 characteristics**. 4 points – Demonstrated experience leading the authoring of a whitepaper geared towards transforming the architecture a C4ISR system of similar size, scope and complexity of LCSS (i.e. $50-100M/year) with **4 of the 4 characteristics**.		
R3	Demonstrated java software development experience.	**Max – 5 Points** 1 point – 2 to 4 years of demonstrated experience 2 point – 4 to 6 years of demonstrated experience 3 point – 6 to 8 years of demonstrated experience 4 point – 8 to 10 years of demonstrated experience 5 point – 10+ years of demonstrated experience		
R4	Demonstrated C++ software development experience.	**Max – 5 Points** 1 point – 2 to 4 years of demonstrated experience 2 point – 4 to 6 years of demonstrated experience 3 point – 6 to 8 years of demonstrated experience 4 point – 8 to 10 years of demonstrated experience 5 point – 10+ years of demonstrated experience		
R5	Demonstrated software development experience creating, modifying or improving java code using MySQL JDBC: • To interact with JC3IEDM based	**Max – 5 Points** 1 point **–** Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC. 3 points – Five (5) years or more demonstrated development experience		

	databases. • To interact with any MIP information exchange data model based databases. - OR - • To interact with databases of any schema.	creating, modifying or improving java code using MySQL JDBC **to interact with any MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 5 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC to interact with **JC3IEDM** based databases**.**		
R6	Demonstrated software development experience creating, modifying or improving java code that uses SOAP: • To interact with the DSL-JC3IEDM based databases. • To interact with any DSL-MIP information exchange data model based databases. - OR - • To interact with databases of any schema.	**Max – 5 Points** 1 point – Five (5) years or more demonstrated development experience creating, modifying or improving java code that uses SOAP. 3 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code that uses SOAP **to interact with any DSL-MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 5 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code that uses SOAP to interact with **DSL-JC3IEDM** based databases**.**		
R7	Demonstrated software development experience in a NetBeans/git environment.	**Max – 2 Points** 1 point – - Two (2) years or more demonstrated development experience with NetBeans or git. 2 point - - Two (2) years or more demonstrated development experience with NetBeans **and** git.		
R8	Demonstrated software development experience creating, modifying or improving code with the following technologies: • Hibernate, • Apache UIMA, • Java Servlets, • Spring, • JSON, • MySQL, • Apache Tomcat, • Struts, • Javascript, • JQuery, • Groovy, and • Grails.	**Max – 6 Points** 1 point – Two (2) years or more demonstrated software development experience creating, modifying or improving code with **2-3** of the cited technologies. 2 points – Two (2) years or more demonstrated software development experience creating, modifying or improving code with **4-5** of the cited technologies. 3 points – Two (2) years or more demonstrated software development experience creating, modifying or improving code with **6-7** of the cited technologies. 4 points - Two (2) years or more demonstrated software development experience creating, modifying or improving code with **8-9** of the cited		

		technologies. 5 points - Two (2) years or more demonstrated software development experience creating, modifying or improving code with **10-11** of the cited technologies. 6 points - Two (2) years or more demonstrated software development experience creating, modifying or improving code with **all 12** of the cited technologies.		
R9	Demonstrated Java experience architecting, developing, and mentoring development of the following applications, with the following frameworks, or protocols: • Simulated to Live Interface (STLI) Software (such as VCCI) • Any military simulation with a Software Framework (such as Paradigm). • Any simulation with a Software Framework (such as Paradigm). • Any simulation using any distributed component, service oriented, N-tier architecture.	**Max – 6 Points** 1 point - Two (2) years or more demonstrated Java experience developing any simulation using any distributed component, service oriented, N-Tier architecture. 2 points - Two (2) years or more demonstrated Java experience developing any simulation with a Software Framework (such as Paradigm). 3 points - Two (2) years or more demonstrated Java experience developing any **military** simulation with a Software Framework (such as Paradigm). 4 points - Two (2) years or more demonstrated experience developing **Simulated to Live Interface (STLI) Software (such as VCCI)** . 5 points - Two (2) years or more demonstrated experience **architecting, developing, and mentoring the development** of Simulated to Live Interface (STLI) Software (such as VCCI). 6 points - Two (2) years or more demonstrated **Java** experience architecting, developing, and mentoring the development of Simulated to Live Interface (STLI) Software (such as VCCI).		
		Max Total Mark: 46		

Enterprise Architect (P.2) [Simulation] – Level 3			
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.	**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated experience in a software development field.		
M2	University undergraduate degree in Computer or Electrical engineering from a Canadian Council of Professional Engineers (CCPE) accredited engineering program **(Copy of**		

	certificate to be provided with the Bidder's proposal). Alternatively, should the candidate's degree be from a non-CCPE accredited engineering program, their engineering education credentials must be deemed 'substantially equivalent' by the CCPE via an application to the Engineering International - Education Assessment Program, (EI-EAP), **(Copy of the official CCPE judgement to be included)**. Finally, as a third alternative, the candidate's engineering education credentials shall be considered compliant if the candidate is deemed eligible for registration as a Professional Engineer by a recognized provincial licensing body **(proof of which is to be provided with the Bidder's proposal).**			
Rated Criteria		**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**	
R1	Demonstrated experience identifying simulation trends that create opportunities for training and experimentation improvement, guiding a development team and users through their adoption, and briefing management on them. The characteristics of the trends and training/experimentation domain include: • Army collective training; • Sub-unit, unit, or formation level events; • Constructive and virtual simulations employed and advising on integration with live simulation; • Headquarters (Command and Staff Training); • Connectivity to C4ISR systems; • Participate in international Army simulation Working Groups (WG) or Configuration Control Boards (CCB) -and- • Advising management in an ADM(Mat)	**Max – 14 Points** 2 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **1 of the 7 characteristics.** 4 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **2 of the 7 characteristics.** 6 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **3 of the 7 characteristics.** 8 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **4 of the 7 characteristics.** 10 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **5 of the 7 characteristics.** 12 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **6 of the 7 characteristics.** 14 points – Ten (10) years or more of demonstrated simulation trends identification, briefing, and guiding experience with **7 of the 7 characteristics.**		

		PM/LCMM organisation.			
R2	Demonstrated java software development experience.	**Max – 5 Points** 1 point – 2 to 4 years of demonstrated experience 2 points – 4 to 6 years of demonstrated experience 3 points – 6 to 8 years of demonstrated experience 4 points – 8 to 10 years of demonstrated experience 5 points – 10+ years of demonstrated experience		
R3	Demonstrated C++ software development experience.	**Max – 5 Points** 1 point – 2 to 4 years of demonstrated experience 2 points – 4 to 6 years of demonstrated experience 3 points – 6 to 8 years of demonstrated experience 4 points – 8 to 10 years of demonstrated experience 5 points – 10+ years of demonstrated experience		
R4	Demonstrated software development experience creating, modifying or improving java code using MySQL JDBC: - To interact with JC3IEDM based databases. - To interact with any MIP information exchange data model based databases. - OR - - To interact with databases of any schema.	**Max – 5 Points** 1 point – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC. 3 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC **to interact with any MIP information exchange data model based databases. (i.e. any of LC2IEDM, C2IEDM, or JC3IEDM)** 5 points – Five (5) years or more demonstrated development experience creating, modifying or improving java code using MySQL JDBC to interact with **JC3IEDM** based databases**.**		
R5	Demonstrated software development experience in a NetBeans/git environment.	**Max – 2 Points** 1 point – Two (2) years or more demonstrated development experience with NetBeans or git. 2 points - Two (2) years or more demonstrated development experience with NetBeans **and** git.		
R6	Demonstrated java development experience developing and maintaining military simulation software that sends and receives DIS with the OpenDIS library.	**Max – 5 Points** 1 point – 1 to 2 years of demonstrated experience 2 points – 2 to 3 years of demonstrated experience 3 points – 3 to 4 years of demonstrated		

		experience 4 points – 4 to 5 years of demonstrated experience 5 points – 5+ years of demonstrated experience		
R7	Demonstrated software development experience creating, modifying or improving java code using: • LuciadMap libraries. - OR - • Any java GIS libraries.	**Max – 10 Points** 5 points – Ten (10) years or more demonstrated development experience creating, modifying or improving java code using any GIS library. 10 points – Ten (10) years or more demonstrated development experience creating, modifying or improving java code using **LuciadMap libraries.**		
R8	Demonstrated python software development experience.	**Max – 5 Points** 1 point – 2 to 4 years of demonstrated experience 2 points – 4 to 6 years of demonstrated experience 3 points – 6 to 8 years of demonstrated experience 4 points – 8 to 10 years of demonstrated experience 5 points – 10+ years of demonstrated experience		
R9	Demonstrated software development experience creating, modifying or improving the following software using the following languages: • Simulated to Live Interface (STLI) Software (such as VCCI) using java. • Any application that interfaces with ABACUS using ABACUS' client/server network communication protocol using java. • Any application that interfaces with ABACUS using ABACUS' client/server network communication protocol using any programming language. • Any application that interfaces with an	**Max – 5 Points** 1 point – Five (5) years or more demonstrated development experience creating, modifying or improving software that interfaces with a simulation using any programming language. 2 points – Five (5) years or more demonstrated development experience creating, modifying or improving software that interfaces with **an aggregate level constructive simulation similar to ABACUS** using any programming language. 3 points – Five (5) years or more demonstrated development experience creating, modifying or improving software that interfaces with **ABACUS using ABACUS' client/server network communication protocol** using any programming language. 4 points – Five (5) years or more demonstrated development experience creating, modifying or improving software that interfaces with ABACUS using ABACUS' client/server network communication protocol using **java**. 5 points - Five (5) years or more demonstrated development experience creating, modifying or improving Simulated to Live Interface (STLI)		

	aggregate-level constructive simulation similar to ABACUS using any programming language. - OR - • Any application that interfaces with any simulation using any programming language.	Software (such as VCCI) that interfaces with ABACUS using ABACUS' client/server network communication protocol using java.		
R10	Demonstrated software development experience creating, modifying or improving the following software using the following languages: • Simulated to Live Interface (STLI) Software (such as VCCI) using java or C++. • Any application that interfaces with JCATS using LLNL specific protocols/formats using java or C++. • Any application that interfaces with JCATS using open or non-LLNL specific protocols/formats such as DIS or HLA using java or C++. • Any application that interfaces with JCATS using any protocol/format(s) using any programming language. • Any application that interfaces with an entity level constructive simulation similar to JCATS using any protocols/format using any programming language. • Any application that interfaces with any	**Max – 7 Points** 1 point – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with a simulation using any programming language. 2 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with a **military** simulation using any programming language. 3 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with **an entity level constructive simulation similar to JCATS** using any programming language. 4 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with **JCATS** using any programming language. 5 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with JCATS **using open or non-LLNL specific protocols/formats (such as HLA or DIS) using java or C++.** 6 points – Seven (7) years or more demonstrated development experience creating, modifying or improving software that interfaces with JCATS **using LLNL specific protocols/formats using java or C++.** 7 points - Seven (7) years or more demonstrated development experience creating, modifying or improving **Simulated to Live Interface (STLI) Software** (such as VCCI) that interfaces with JCATS using LLNL specific		

	military simulation using any programming language. - OR - • Any application that interfaces with any simulation using any programming language.	protocols/formats using java or C++.		
	Max Total Mark: 63		

Project Manager (P.9) – Level 3				
Mandatory Criteria – The proposed resource must meet the following mandatory criteria. Failure to do so must result in the bid being declared non-compliant.		**Met**	**Not Met**	**Where this is demonstrated in the bid**
M1	Minimum of ten (10) years of demonstrated experience in a software development -OR- software development project management field.			
M2	University undergraduate degree in Computer or Electrical engineering from a Canadian Council of Professional Engineers (CCPE) accredited engineering program **(Copy of certificate to be provided with the Bidder's proposal)**. Alternatively, should the candidate's degree be from a non-CCPE accredited engineering program, their engineering education credentials must be deemed 'substantially equivalent' by the CCPE via an application to the Engineering International - Education Assessment Program, (EI-EAP), **(Copy of the official CCPE judgement to be included)**. Finally, as a third alternative, the candidate's engineering education credentials shall be considered compliant if the candidate is deemed eligible for registration as a Professional Engineer by a recognized provincial licensing body **(proof of which is to be provided with the Bidder's proposal).** -OR- Project Management Professional (PMP) Certification			
Rated Criteria	**Points based on experience** The resource will be awarded the number of points matching one of the levels of experience demonstrated below.	**Points**		
R1	Demonstrated experience of military C2 systems/simulation technical management activities involving the principles, practices and techniques applicable to C2 systems and Simulations in a military environment.	**Max – 10 Points** 1 point – 1 to 2 years of demonstrated experience 2 points – 2 to 3 years of demonstrated experience 3 points – 3 to 4 years of demonstrated experience 4 points – 4 to 5 years of demonstrated experience 5 points – 5 to 6 years of demonstrated experience 6 points – 6 to 7 years of demonstrated		

		experience 7 points– 7+ to 8 years of demonstrated experience 8 points – 8+ to 9 years of demonstrated experience 9 points – 9+ to 10 years of demonstrated experience 10 points – 10+ years of demonstrated experience		
R2	Demonstrated Java development experience in the following domains: • Military simulation and C2 domain and mentoring/teaching less experienced developers. • Any military domain plus mentoring/teaching less experienced developers. • Any military domain in a senior role. • Any domain in a senior role. • Five years of experience developing java applications in any domain.	**Max – 10 Points** 2 points – Five (5) years or more demonstrated experience developing java in any role. 4 points – Five (5) years or more demonstrated experience developing java in a **senior role**. 6 points – Five (5) years or more demonstrated experience developing java in a **military domain** in a senior role. 8 points – Five (5) years or more demonstrated experience developing java in a military domain in a senior role and **mentoring/teaching less experienced developers**. 10 points – Five (5) years or more demonstrated experience developing java in a military **simulation and C2 domain** in a senior role and mentoring/teaching less experienced developers.		
R3	Demonstrated C/C++ development experience on applications in the military simulation and C2 domain.	**Max – 4 Points** 1 point – Four (4) years or more demonstrated experience developing C/C++ in any domain. 2 points – Four (4) years or more demonstrated experience developing C/ C++ in the **military simulation OR C2 domain**. 4 points — Four (4) years or more demonstrated experience developing C/ C++ in the military simulation **AND** C2 domain.		
R4	Demonstrated experience configuring and troubleshooting DIS settings to establish DIS federations.	**Max – 6 Points** 1 point – 2 months to 1 years of experience 2 points – 1 to 2 years of experience 3 points – 2 to 3 years of experience 4 points – 3 to 4 years of experience 5 points – 4 to 5 years of experience		

		6 points – 5+ years of experience		
R5	Demonstrated experience on the following: - Operating ABACUS, JCATS, VBS, or JSAF on a Canadian military exercise - Operating ABACUS, JCATS, VBS, or JSAF on any military exercise. - Operating a constructive or virtual simulation on any military exercise.	**Max – 5 Points** 1 point – has operated a constructive or virtual simulation on any military exercise. 3 points – has operated ABACUS, JCATS, VBS or JSAF on any military exercise. 5 points – has operated ABACUS, JCATS, VBS or JSAF on a Canadian military exercise.		
		Max Total Mark: 35		

4. Terminology

Term #	Term	Description
1	Simulated to Live Interface (STLI) Software	Software that interfaces between a simulated environment and a live system where the simulated environment is used to stimulate the live system and where the interface can transfer components of the live system to some or all of the simulated environments. The STLI Software must also allow recording/capture of the data that passes between the interfaces. STLI Software must support the following interfaces: • Distributed Interactive Simulation (DIS) • Structured Query Language (SQL)

ATTACHMENT 4.2 – PRICING SCHEDULE

1. Contractor Selection Methodology

"Lowest responsive cost-per-point bid" Price is divided by the corresponding total points achieved by the bidder for its technical bid, which determines each bidder's cost-per-point. By dividing the price by the point rated score of the technical bid, both technical merit and price are being given approximately equal weighting in the proposed evaluation. This encourages bidders to give higher quality bids while offering a competitive price. The responsive bid with the lowest cost-per-point will be recommended for award of the contract.

2. Resource Categories with Estimated Level of Effort (LOE)

Using the tables below, the Bidder must indicate the applicable all-inclusive Firm Per Diem rate for each Resource Category. The Firm Per Diem Rates (C*) for each Resource Category must be multiplied by the estimated number of resources (A*), multiplied by the Level of Effort (B*) and the results of the multiplications must be inserted by the Bidder in column (D*). The Bidder must insert the sum of each D* column in the respective F* cell.

* (asterisk): Represents the number found beside the letter in each table. Example: A1, B1, C1, D1, F1, etc.

2.1. Initial Contract Period

Initial Contract Period					
Resource Category	Level	Estimated Number of Resources (A1)	Level of Effort (For evaluation purposes only) (B1)	Firm Per diem Rate (C1)	Estimated Total (D1 = A1 x B1 x C1)
Programmer/Analyst (A.7) [Simulation]	1	1	240		
Programmer/Analyst (A.7) [Simulation]	2	1	240		
Programmer/Analyst (A.7) [VBS2]	2	1	240		
Programmer/Analyst (A.7) [JCATS]	3	1	240		
Programmer/Analyst (A.7) [SimSpeak]	3	1	240		
System Analyst (A.8) [ABACUS]	3	1	240		
System Analyst (A.8) [JSAF]	3	1	240		
Test Coordinator (A.10) [Simulation]	1	1	240		
Tester (A.11) [Simulation]	1	1	240		
IM Architect (I.5) [Simulation]	3	1	240		
System Administrator (I.9)	1	1	240		
System Administrator (I.9)	2	1	240		
System Administrator (I.9)	3	1	240		

Resource Category	Level	Est. #	Level of Effort	Rate	Total
Technology Architect (I.11) [Simulation]	3	1	240		
Enterprise Architect (P.2) [Simulation]	3	1	240		
Project Manager (P.9)	3	1	240		
F1 = Sum of D1 column					

2.2. *Option Periods*

Option Period 1					
Resource Category	Level	Estimated Number of Resources (A2)	Level of Effort (For evaluation purposes only) (B2)	Firm Per diem Rate (C2)	Estimated Total (D2 = A2 x B2 x C2)
Programmer/Analyst (A.7) [Simulation]	1	3	240		
Programmer/Analyst (A.7) [Simulation]	2	3	240		
Programmer/Analyst (A.7) [VBS2]	2	1	240		
Programmer/Analyst (A.7) [JCATS]	3	1	240		
Programmer/Analyst (A.7) [SimSpeak]	3	1	240		
System Analyst (A.8) [ABACUS]	3	1	240		
System Analyst (A.8) [JSAF]	3	1	240		
Test Coordinator (A.10) [Simulation]	1	2	240		
Tester (A.11) [Simulation]	1	2	240		
IM Architect (I.5) [Simulation]	3	1	240		
System Administrator (I.9)	1	1	240		
System Administrator (I.9)	2	1	240		
System Administrator (I.9)	3	1	240		
Technology Architect (I.11) [Simulation]	3	1	240		
Enterprise Architect (P.2) [Simulation]	3	1	240		
Project Manager (P.9)	3	1	240		
F2 = Sum of D2 column					

Option Period 2					
Resource Category	Level	Estimated Number of Resources (A3)	Level of Effort (For evaluation purposes only) (B3)	Firm Per diem Rate (C3)	Estimated Total (D3 = A3 x B3 x C3)
Programmer/Analyst (A.7) [Simulation]	1	4	240		
Programmer/Analyst (A.7) [Simulation]	2	3	240		
Programmer/Analyst (A.7) [VBS2]	2	2	240		

Resource Category	Level				
Programmer/Analyst (A.7) [JCATS]	3	1	240		
Programmer/Analyst (A.7) [SimSpeak]	3	1	240		
System Analyst (A.8) [ABACUS]	3	1	240		
System Analyst (A.8) [JSAF]	3	1	240		
Test Coordinator (A.10) [Simulation]	1	2	240		
Tester (A.11) [Simulation]	1	2	240		
IM Architect (I.5) [Simulation]	3	1	240		
System Administrator (I.9)	1	1	240		
System Administrator (I.9)	2	1	240		
System Administrator (I.9)	3	1	240		
Technology Architect (I.11) [Simulation]	3	1	240		
Enterprise Architect (P.2) [Simulation]	3	1	240		
Project Manager (P.9)	3	2	240		
F3 = Sum of D3 column					

Option Period 3					
Resource Category	Level	Estimated Number of Resources (A4)	Level of Effort (For evaluation purposes only) (B4)	Firm Per diem Rate (C4)	Estimated Total (D4 = A4 x B4 x C4)
Programmer/Analyst (A.7) [Simulation]	1	4	240		
Programmer/Analyst (A.7) [Simulation]	2	3	240		
Programmer/Analyst (A.7) [VBS2]	2	2	240		
Programmer/Analyst (A.7) [JCATS]	3	1	240		
Programmer/Analyst (A.7) [SimSpeak]	3	1	240		
System Analyst (A.8) [ABACUS]	3	1	240		
System Analyst (A.8) [JSAF]	3	1	240		
Test Coordinator (A.10) [Simulation]	1	2	240		
Tester (A.11) [Simulation]	1	2	240		
IM Architect (I.5) [Simulation]	3	1	240		
System Administrator (I.9)	1	1	240		
System Administrator (I.9)	2	1	240		
System Administrator (I.9)	3	1	240		
Technology Architect (I.11) [Simulation]	3	1	240		
Enterprise Architect (P.2) [Simulation]	3	1	240		
Project Manager (P.9)	3	2	240		
F4 = Sum of D4 column					

Option Period 4					
Resource Category	Level	Estimated Number of Resources (A5)	Level of Effort (For evaluation purposes only) (B5)	Firm Per diem Rate (C5)	Estimated Total (D5 = A5 x B5 x C5)
Programmer/Analyst (A.7) [Simulation]	1	4	240		
Programmer/Analyst (A.7) [Simulation]	2	3	240		
Programmer/Analyst (A.7) [VBS2]	2	2	240		
Programmer/Analyst (A.7) [JCATS]	3	1	240		
Programmer/Analyst (A.7) [SimSpeak]	3	1	240		
System Analyst (A.8) [ABACUS]	3	1	240		
System Analyst (A.8) [JSAF]	3	1	240		
Test Coordinator (A.10) [Simulation]	1	2	240		
Tester (A.11) [Simulation]	1	2	240		
IM Architect (I.5) [Simulation]	3	1	240		
System Administrator (I.9)	1	1	240		
System Administrator (I.9)	2	1	240		
System Administrator (I.9)	3	1	240		
Technology Architect (I.11) [Simulation]	3	1	240		
Enterprise Architect (P.2) [Simulation]	3	1	240		
Project Manager (P.9)	3	2	240		
F5 = Sum of D5 column					

3. Contractor Facility

As described in Annex A: Section 2.1.2 Contractor Facility, DLCSPM has a requirement for the Contractor to have an office/facility with a suitable amount of space to accommodate up to 25 Workstations and a Server Room suitable for housing hardware which will be used for setting up a development and test environment (See Appendix 1: Sections 1.1 and 1.2 for the lists of hardware). The contractor must include the Facility Rate for evaluation purposes.

Initial Contract Period	
F6 – Facility Rate for up to 25 Workstations and the Server Room	

Option Period 1	
F7 - Facility Rate for up to 25 Workstations and the Server Room	

Option Period 2	
F8 - Facility Rate for up to 25 Workstations and the Server Room	

Option Period 3	
F9 - Facility Rate for up to 25 Workstations and the Server Room	

Option Period 4	
F10 - Facility Rate for up to 25 Workstations and the Server Room	

4. Total Contract Value

The Bidder must include the sum of F1 + F2 + …+ F10 below to determine the total contract value for evaluation purposes.

Total Contract Value (G)	
F1 + F2 + F3 + F4 + F5 + F6 + F7 + F8 + F9 + F10	