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RETOURNER LES SOUMISSIONS À:**  
*Bid Receiving Public Works and Government  
Services Canada/Réception des soumissions  
Travaux publics et Services gouvernementaux  
Canada*

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Place du Portage, Phase III  
0B2-103  
Gatineau, Québec K1A 0S5  
Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL /  
DEMANDE DE SOUMISSION**

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**

**THIS DOCUMENT CONTAINS A SECURITY  
REQUIREMENT / DOCUMENT CONTIENT DES  
EXIGENCES RELATIVES À LA SÉCURITÉ**

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Division des sciences de la défense / Defence  
Sciences Division  
4th Floor  
Les Terrasses de la Chaudière  
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Gatineau, Québec K1A 0S5

<b>Title-Sujet</b> Integrated Science and Technology Capabilities Accessible to the CSSP/ Capacités scientifiques et technologiques intégrées offertes au PCSS	
<b>Solicitation No. - N° de l'invitation</b> W7714-196635/A	<b>Date</b> 2019-11-20
<b>Client Reference No. - N° de référence du client</b> W7714-196635	
<b>GETS Reference No.</b> PW-19-00896606	
<b>File No. - N° de dossier</b> W7714-196635/A	<b>Amendment No. / Modification no.</b> 000
<b>Solicitation Closes - L'invitation prend fin</b>  <b>at - à 14:00</b> <b>on - le 2020-01-06</b>	<b>Time Zone / Fuseau horaire</b> Eastern Daylight Time (EDT) / Heure avancé de l'est (HAE)
<b>F.O.B. - F.A.B</b>  <b>Plant-Usine :</b> <input type="checkbox"/> <b>Destination:</b> <input checked="" type="checkbox"/> <b>Other-Autre:</b> <input type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Celeste Clermont	<b>Buyer Id - Id de l'acheteur</b> 005sl
<b>Telephone No. - N° de téléphone</b> 613-406-6895	<b>FAX No. - N° de FAX</b>
<b>Destination of Goods, Services and Construction: Destinations des biens, services et construction :</b>  Specified Herein Précisé aux présentes	

**Instructions : See Herein**

**Instructions : voir aux présentes**

<b>Delivery Required - Livraison exigée</b> See Herein - voir aux présentes	<b>Delivery Offered - Livraison proposée</b>
<b>Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur</b>	
<b>Telephone No. - N° de téléphone</b> <b>Facsimile No. - N° de télécopieur</b>	
<b>Name and title of person authorized to sign on behalf of Vendor/Firm (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)</b>	
<b>Signature</b>	<b>Date</b>



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W7714-196635/A  
Client Ref. No. - N° de réf. du client  
W7714-196635

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Buyer ID - Id de l'acheteur  
005sl  
CCC No./N° CCC - FMS No./N° VME

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## **PART 1 - GENERAL INFORMATION**

### **1.1 Introduction**

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

- Part 1 General Information: provides a general description of the requirement;
- Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;
- Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;
- Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, and the basis of selection;
- Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;
- Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and
- Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The Annexes include the Statement of Work, the Basis of Payment, the Security Requirements Checklist, the Electronic Payment Instruments, the Federal Contractors Program for Employment Equity – Certification and DND 626 Task Authorization Form.

### **1.2 Summary**

The Defence Research and Development Canada (DRDC) Centre for Security Science (CSS), requires on an “as and when requested” basis, Science and Technology (S&T) capabilities accessible to the broader activities harmonized in the Canadian Safety and Security Program (CSSP), and others as appropriate.

The CSS is largely dependent on access to S&T in the following five (5) broad domains to get work done and achieve the desired influences on Outcomes:

1. Chemical, Biological, Radiological, Nuclear and Explosive (CBRNE) and Natural hazards;
2. Critical, physical and digital infrastructure;
3. Border security, Biometrics for national security and Surveillance Intelligence and Interdiction;
4. Emergency Management, Communications Interoperability, Operational decision support, Psycho Social aspects; and
5. Tri-Services, which includes Law enforcement (LE), Fire and Emergency Medical System (EMS).

The Contractor must provide a range of services to the CSSP team. Work will be defined and authorized by Canada in the form of a task authorization that is raised on an “as and when requested” basis. After having accepted a task authorization, the Contractor must then execute the task, mostly at the Contractor’s facilities. The Contractor must perform such work in an iterative and incremental fashion, to ensure adherence to requirements and standards, access to first responders and to ensure the influence on Outcomes is reached.

It is expected that these tasks may include any of the following classes of support as shown below. To assist in the planning and the development of the CSSP portfolio areas, work tasks will be required to focus support within the following S&T areas of interest:

1. Chemical;
2. Biological;
3. Radiological/Nuclear;
4. Explosives;
5. Forensics of Chemical, Biological, Radiological and Explosive (CBRNE);
6. Critical Infrastructure Protection (CIP), Risk, Dependencies and Interdependencies;
7. eSecurity, focused on bolstering Critical Digital Infrastructure for Industrial Control Systems (ICS) and Supervisory Control and Data Acquisition (SCADA) systems, as well as combating cybercrime by augmenting the Capability to identify, mitigate, neutralize cyber threats mainly at the national level;
8. Border & Transportation Security, including Cargo security, Traveler security and Transit security;
9. Biometrics for national security;
10. Intelligence-led Surveillance & Interdiction;
11. Emergency Management including Disaster resilience, Emergency Operations Centres (EOC), Situation Awareness, Operational decision support;
12. Communications Interoperability;
13. Psycho-Social including Community Resilience, as well as Radicalization & Extremism;
14. Risk Assessment, Consolidated Risk Assessment (CRA) and All Hazards Risk Assessment (AHRA);
15. Capability Based approach: capabilities to Anticipate, Prevent, Prepare, Respond and Recover from emergencies and disasters;
16. Visual Analytics, predictive analytics as well as video analytics;
17. Tri-services analyses (LE, Fire, EMS);
18. Public Safety and Security Policy;
19. Business Development, market analysis and Technology transition;
20. Operational Research & Analysis;
21. Advanced Strategic analysis; evidence based Policy analysis;
22. Test and Evaluation (T&E) analysis; and
23. Modelling and Simulation.

## **1. Resource Categories**

### **Core Resource Categories** (Resources required with bid submission)

- 1) Account Manager
- 2) Chief S&T Advisor
- 3) Senior Capability Engineering and Architecture Subject Matter Expert (SME)
- 4) Cyber SME in ICS and SCADA
- 5) Cyber SME in Capability to ID Mitigate Neutralize cyber threats
- 6) Advanced Strategist
- 7) Senior Modelling & Simulation Specialist.
- 8) Critical Infrastructure Protection (CIP) SME

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**Secondary Resource Categories** (Resources that are not required with bid-submission that may be required by future Task-authorizations)

- 1) Project Manager
- 2) Intermediate Capability Engineering and Architecture SME
- 3) Security Risk Assessment SME
- 4) Chemical Biological Agent SME
- 5) Radionuclear Agent SME
- 6) Explosives SME
- 7) CBRNE Forensics SME
- 8) Intermediate Modeling & Simulation Specialist
- 9) Senior Test & Evaluation Specialist in Trials, Demonstrations and Experimentations
- 10) Intermediate Test & Evaluation Specialist in Trials, Demonstrations and Experimentations
- 11) Border Security SME
- 12) Biometrics SME
- 13) Emergency Management SME
- 14) Communications Interoperability SME
- 15) Wireless Communications and Information Sharing SME
- 16) Data Science SME
- 17) Community Resilience SME
- 18) Radicalization & Extremism SME
- 19) Business Development, Analysis and Transition SME
- 20) Facilitation and Workshop Specialist
- 21) Technical Writer

The resulting contract will be for a two (2) year period with three (3) one year option periods.

The requirement is conditionally limited to Canadian services.

This procurement is subject to the Controlled Goods Program. The [Defence production Act](#) defines Canadian Controlled Goods as certain goods listed in Canada's Export Control List, a regulation made pursuant to the Export and Import Permits Act (EIPA).

There are security requirements associated with this requirement. For additional information, consult Part 6 - Security, Financial and Other Requirements, and Part 7 - Resulting Contract Clauses. For more information on personnel and organization security screening or security clauses, Bidders should refer to the [Contract Security Program](#) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

The Federal Contractors Program (FCP) for employment equity applies to this procurement; refer to Part 5 – Certifications and Additional Information, Part 7 - Resulting Contract Clauses and the annex titled Federal Contractors Program for Employment Equity – Certification.

### 1.3 Debriefings

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

## PART 2 - BIDDER INSTRUCTIONS

### 2.1 Standard Instructions, Clauses and Conditions

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

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

The [2003](#) (2018-05-22) Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of [2003](#), Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

Delete: 60 days  
Insert: 120 days

### 2.2 Submission of Bids

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

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

### 2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, Bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

#### Definitions

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

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

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

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

### **Former Public Servant in Receipt of a Pension**

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

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

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

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

### **Work Force Adjustment Directive**

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes** ( ) **No** ( )

If so, the Bidder must provide the following information:

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

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.



## **2.4 Enquiries - Bid Solicitation**

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

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

## **2.5 Applicable Laws**

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

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

## **2.6 Improvement of Requirement During Solicitation Period**

Should Bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, Bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular Bidder will be given consideration provided they are submitted to the Contracting Authority at least fifteen (15) days before the bid closing date. Canada will have the right to accept or reject any or all suggestions, and also to extend the solicitation period.

## **2.7 Basis for Canada's Ownership of Intellectual Property**

The Department of National Defence has determined that any intellectual property rights arising from the performance of the Work under the resulting contract will belong to Canada, on the following grounds as set out in the [Policy on Title to Intellectual Property Arising Under Crown Procurement Contracts](#): the main purpose of the contract, or of the deliverables contracted for, is to augment an existing body of Canada's background information as a prerequisite to the transfer of the augmented background to the private sector, through licensing or assignment of ownership (not necessarily to the original Contractor), for the purposes of commercial exploitation.

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## PART 3 - BID PREPARATION INSTRUCTIONS

### 3.1 Bid Preparation Instructions

Due to the nature of the bid solicitation, bids transmitted by epost Connect service and by facsimile will not be accepted.

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

Section I: Technical Bid – One (1) hard copy and one (1) soft copy on a CD or USB key

Section II: Financial Bid - One (1) hard copy and one (1) soft copy on a CD or USB key

Section III: Certifications - One (1) hard copy and one (1) soft copy on a CD or USB key

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

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

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

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

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573) (<https://www.tbs-sct.gc.ca/pol/doc-eng.aspx?id=32573>). To assist Canada in reaching its objectives, bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

#### Section I: Technical Bid

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

The technical bid should address clearly and in sufficient depth the points that are subject to the evaluation criteria against which the bid will be evaluated. Simply repeating the statement contained in the bid solicitation is not sufficient. In order to facilitate the evaluation of the bid, Canada requests that bidders address and present topics in the order of the evaluation criteria under the same headings. To

avoid duplication, bidders may refer to different sections of their bids by identifying the specific paragraph and page number where the subject topic has already been addressed.

**Bidders must propose two (2) resources (Lead and Backup) for each CORE Resource Category** (see Mandatory and Point Rated Technical Criteria) and both proposed resources **must meet the overall minimal criteria score** for each resource category, except for point rated 3.2 and 4.2, where the resource must meet the minimum pass mark for those criteria. **A resource may only be named once in the bid, as either a Lead or a Back-up.** Should a bidder fail to propose two resources, one lead and one back-up, they will be considered non-responsive.

## Section II: Financial Bid

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

- a) A firm all-inclusive hourly rate for each category of resources listed in Appendix 1- Evaluation of Price for **Core and Secondary Resources Categories**, for each year of the contract period and for each option period.

The total amount of Applicable Tax is to be shown separately.

No travel and living expenses will be paid for services provided within the National Capital Region (NCR). Further, Canada will not accept any travel and living expenses for travel between the contractor's place of business and the NCR. All of these costs are to be included in the firm all-inclusive labour rates requested above.

The information should be provided in accordance with the *Evaluation of Price* in Appendix 1.

- b) Prices must be in Canadian funds, Canadian customs duties and excise taxes included, and Applicable Tax excluded.

For the purpose of the bid solicitation, bidders with an address in Canada are considered Canadian-based bidders and bidders with an address outside of Canada are considered foreign-based bidders.

- c) The same firm all-inclusive hourly rate will be used for **Lead** resources as well as **back-up** and any other additional future resources requested on each task authorization.

### **3.1.2 Electronic Payment of Invoices – Bid**

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

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

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

## Section III: Certifications

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

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

### **4.1 Evaluation Procedures**

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

#### **4.1.1 Technical Evaluation**

Mandatory and point rated technical evaluation criteria are included in Attachment 1.

#### **4.1.2 Financial Evaluation**

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

Refer to Appendix 1 - Evaluation of Price.

### **4.2 Basis of Selection – Highest Combined Rating of Technical Merit and Price**

1. To be declared responsive, a bid must:
  - a. comply with all the requirements of the bid solicitation;
  - b. meet all mandatory criteria;
  - c. obtain the required overall minimum points specified for each resource category for the technical evaluation;
  - d. obtain the required minimum of 704 points overall for the technical evaluation criteria which are subject to point rating.
2. Bids not meeting (a) or (b) or (c) or (d) will be declared non-responsive.
3. The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 70% for the technical merit and 30% for the price.
4. To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by 70.
5. To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and multiplied by 30.
6. For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
7. Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be selected. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

The table below illustrates an example where all three bids are responsive and the selection of the contractor is determined by a 70/30 ratio of technical merit and price, respectively. The total available point's equal 135 and the lowest evaluated price is \$45,000.

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

		Bidder 1	Bidder 2	Bidder 3
Overall Technical Score		115/135	89/135	92/135
Bid Evaluated Price		\$55,000.00	\$50,000.00	\$45,000.00
Calculations	Technical Merit Score	$115/135 \times 70 = 59.63$	$89/135 \times 70 = 46.15$	$92/135 \times 70 = 47.70$
	Pricing Score	$45000/55000 \times 30 = 24.55$	$45000/50000 \times 30 = 27$	$45000/45000 \times 30 = 30$
Combined Rating		84.18	73.15	77.70
Overall Rating		1 <sup>st</sup>	3rd	2nd

**APPENDIX 1  
EVALUATION OF PRICE**

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

The estimated level of effort per year specified is only an approximation of requirements given in good faith and is provided for financial bid evaluation purposes only. It does not represent a commitment by Canada.

The Bidder must complete the following table identifying costing information for year one (1) through year five (5). Bidder must indicate a firm all-inclusive hourly rate. Total must identify rate multiplied by hours.

**Total Bid Price for Evaluation Purposes** = Cumulative Total for all work categories (G). Each work category total will be calculated as follows: Total (G) = (A x B) + (A x C) + (A x D) + (A x E) + (A x F)

CORE RESOURCES								
Category Number	Labour Category	Estimated level of Effort (Hours per year) (A)	Firm Hourly Rate Year 1 Contract (B)	Firm Hourly Rate Year 2 Contract (C)	Firm Hourly Rate Option Period 1 - Year 3 (D)	Firm Hourly Rate Option Period 2 - Year 4 (E)	Firm Hourly Rate Option Period 3 - Year 5 (F)	Total (G)
1	Account Manager	225	\$	\$	\$	\$	\$	\$
2	Chief S&T Advisor	563	\$	\$	\$	\$	\$	\$
3	Senior Capability Engineering and Architecture SME	375	\$	\$	\$	\$	\$	\$
4	Cyber SME in ICS and SCADA	900	\$	\$	\$	\$	\$	\$

5	Senior Cyber SME in Capability to ID Mitigate Neutralize cyber threats	900	\$	\$	\$	\$	\$	\$
6	Advanced Strategist	600	\$	\$	\$	\$	\$	\$
7	Senior Modelling & Simulation Specialist	900	\$	\$	\$	\$	\$	\$
8	Critical Infrastructure Protection (CIP) SME	975	\$	\$	\$	\$	\$	\$
<b>SECONDARY RESOURCES</b>								
9	Project Manager	1350	\$	\$	\$	\$	\$	\$
10	Intermediate Capability Engineering and Architecture SME	375	\$	\$	\$	\$	\$	\$
11	Security Risk Assessment SME	1800	\$	\$	\$	\$	\$	\$
12	Chemical Biological Agent SME	450	\$	\$	\$	\$	\$	\$
13	Radionuclear Agent SME	450	\$	\$	\$	\$	\$	\$
14	Explosives SME	450	\$	\$	\$	\$	\$	\$
15	CBRNE Forensics SME	900	\$	\$	\$	\$	\$	\$

16	<b>Intermediate Modeling &amp; Simulation SME</b>	<b>900</b>	\$	\$	\$	\$	\$	\$
17	<b>Senior Test &amp; Evaluation SME in Trials, Demonstrations and Experimentations</b>	<b>675</b>	\$	\$	\$	\$	\$	\$
18	<b>Intermediate Test &amp; Evaluation SME in Trials, Demonstrations and Experimentations</b>	<b>675</b>	\$	\$	\$	\$	\$	\$
19	<b>Border Security SME</b>	<b>675</b>	\$	\$	\$	\$	\$	\$
20	<b>Biometrics SME</b>	<b>338</b>	\$	\$	\$	\$	\$	\$
21	<b>Emergency Management SME</b>	<b>1350</b>	\$	\$	\$	\$	\$	\$
22	<b>Communications Interoperability SME</b>	<b>750</b>	\$	\$	\$	\$	\$	\$
23	<b>Wireless Communications and Information Sharing SME</b>	<b>750</b>	\$	\$	\$	\$	\$	\$
24	<b>Data Science SME</b>	<b>750</b>	\$	\$	\$	\$	\$	\$
25	<b>Community Resilience SME</b>	<b>450</b>	\$	\$	\$	\$	\$	\$



Solicitation No. - N° de l'invitation  
W7714-196635/A  
Client Ref. No. - N° de réf. du client  
W7714-196635

Amd. No. - N° de la modif.  
File No. - N° du dossier  
005sl.W7714-196635

Buyer ID - Id de l'acheteur  
005sl  
CCC No./N° CCC - FMS No./N° VME

26	Radicalization & Extremism SME	450	\$	\$	\$	\$	\$	\$
27	Business Development, Analysis and Transition SME	600	\$	\$	\$	\$	\$	\$
28	Facilitation and Workshop Specialist	600	\$	\$	\$	\$	\$	\$
29	Technical Writer	750	\$	\$	\$	\$	\$	\$
<b>Total Bid Price for Evaluation Purposes</b>								\$

## PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

### 5.1 Certifications Required with the Bid

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

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

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

#### 5.1.2 Additional Certifications Required with the Bid

##### 5.1.2.1 Canadian Content Certification

This procurement is conditionally limited to Canadian services.

Subject to the evaluation procedures contained in the bid solicitation, bidders acknowledge that only bids with a certification that the service offered is a Canadian service, as defined in clause [A3050T](#), may be considered.

Failure to provide this certification completed with the bid will result in the service offered being treated as a non-Canadian service.

The Bidder certifies that:

( ) the service offered is a Canadian service as defined in paragraph 2 of clause [A3050T](#).

##### 5.1.2.1.1 SACC Manual clause [A3050T](#) (2018-12-06) Canadian Content Definition

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

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

## 5.2.1 Integrity Provisions – Required Documentation

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

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

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's](https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#) website (<https://www.canada.ca/en/employment-social-development/programs/employment-equity/federal-contractor-program.html#>).

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

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

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

## 5.2.3 Status and Availability of Resources

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

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

## 5.2.4 Education and Experience

### 5.2.4.1 SACC Manual clause [A3010T](#) (2010-08-16) Education and Experience

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## PART 6 - SECURITY, FINANCIAL AND OTHER REQUIREMENTS

### 6.1 Security Requirements

1. Before award of a contract, the following conditions must be met:
  - (a) the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;
  - (b) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work sites must meet the security requirements as indicated in Part 7 - Resulting Contract Clauses;
  - (c) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites;
  - (d) the Bidder's proposed location of work performance and document safeguarding must meet the security requirements as indicated in Part 7 - Resulting Contract Clauses;
  - (e) the Bidder must provide the addresses of proposed sites or premises of work performance and document safeguarding as indicated in Part 3 - Section IV Additional Information.
2. Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
3. For additional information on security requirements, Bidders should refer to the [Contract Security Program](http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html) of Public Works and Government Services Canada (<http://www.tpsgc-pwgsc.gc.ca/esc-src/introduction-eng.html>) website.

### 6.2 Controlled Goods Requirement

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

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**PART 7 - RESULTING CONTRACT CLAUSES**  
**This Contract contains a Security requirement**

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

**7.1 Statement of Work**

The Contractor must perform the work in accordance with the Statement of Work at Annex A.

**7.1.2 Task Authorization**

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

**7.1.2.1 Task Authorization Process**

1. The Technical Authority will provide the Contractor with a description of the task using the DND 626, Task Authorization Form specified in Annex F.
2. The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis (bases) and methods of payment as specified in the Contract.
3. The Contractor must provide the Technical Authority, within five (5) calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.
4. The Contractor must not commence work until a TA authorized by the Technical Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

**7.1.2.2 Task Authorization Limit**

The Technical Authority may authorize individual task authorizations up to a limit of \$250,000.00, applicable taxes included, inclusive of any revisions.

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

**7.1.2.3 Minimum Work Guarantee - All the Work - Task Authorizations**

1. In this clause,

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

"Minimum Contract Value" means 5%.

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

#### **7.1.2.4 Periodic Usage Reports - Contracts with Task Authorizations**

The Contractor must compile and maintain records on its provision of services to the federal government under authorized Task Authorizations issued under the Contract.

The Contractor must provide this data in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "nil" report.

The data must be submitted on a quarterly basis to the Contracting Authority.

The quarterly periods are defined as follows:

1st quarter: April 1 to June 30;

2nd quarter: July 1 to September 30;

3rd quarter: October 1 to December 31; and

4th quarter: 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.

#### **Reporting Requirement- Details**

A detailed and current record of all authorized tasks must be kept for each contract with a task authorization process. This record must contain:

##### **For each authorized task:**

- i. the authorized task number or task revision number(s);
- ii. a title or a brief description of each authorized task;
- iii. the total estimated cost specified in the authorized Task Authorization (TA) of each task, exclusive of Applicable Taxes;
- iv. the total amount, exclusive of Applicable Taxes, expended to date against each authorized task;
- v. the start and completion date for each authorized task; and
- vi. the active status of each authorized task, as applicable.

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**For all authorized tasks:**

- i. the amount (exclusive of Applicable Taxes) specified in the contract (as last amended, as applicable) as Canada's total liability to the contractor for all authorized TAs; and
- ii. the total amount, exclusive of Applicable Taxes, expended to date against all authorized TAs.

**7.1.2.5 Task Authorization - Department of National Defence**

The administration of the Task Authorization process will be carried out by \_\_\_\_\_ (will be specified in the contract). This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

**7.2 Standard Clauses and Conditions**

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

**7.2.1 General Conditions**

[2040](#) [2018-06-21](#), General Conditions - Research & Development, apply to and form part of the Contract.

**7.2.2 Supplemental General Conditions**

K3410C (2008-12-12), Canada to Own Intellectual Property Rights in Foreground Information

**7.3 Security Requirements**

**7.3.1** The following security requirements (SRCL and related clauses provided by the Contract Security Program) apply and form part of the Contract.

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer, hold a valid Facility Security Clearance at the level of **SECRET** with approved Document Safeguarding at the level of **SECRET**, issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. This contract includes access to **Controlled Goods**. Prior to access, the contractor must be registered in the Controlled Goods Program of Public Works and Government Services Canada (PWGSC).
3. The Contractor/Offeror personnel requiring access to **CLASSIFIED/ PROTECTED** information, assets or sensitive work site(s) must EACH hold a valid personnel security screening at the level of **SECRET or RELIABILITY STATUS, as required** granted or approved by the CISD/PWGSC.
4. The Contractor **MUST NOT** utilize its Information Technology systems to electronically process, produce or store any sensitive **CLASSIFIED** information until CISD/PWGSC has issued written approval. After approval has been granted, these tasks may be performed at the level of **SECRET**.
5. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.

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6. The Contractor/Offeror must comply with the provisions of the:
- (a) Security Requirements Check List and security guide, attached at Annex C;
  - (b) *Industrial Security Manual* (Latest Edition).

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

## 7.4 Term of Contract

### 7.4.1 Period of the Contract

The period of the contract is from date of contract to \_\_\_\_\_ (two years) inclusive.

### 7.4.3 Option to Extend the Contract

The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to three (3) additional one (1) year periods under the same conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions as set out in the Basis of Payment.

Canada may exercise this option at any time by sending a written notice to the Contractor at least thirty (30) calendar days prior to the Contract expiry date. The option may only be exercised by the Contracting Authority, and will be evidenced for administrative purposes only, through a contract amendment.

## 7.5 Authorities

### 7.5.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Celeste Clermont  
Title: Supply Specialist  
Public Works and Government Services Canada  
Acquisitions Branch  
Les Terrasses de la Chaudière  
10, rue Wellington, 4<sup>th</sup> floor  
Gatineau, Quebec K1A 0S5

Telephone: 613-406-6895  
E-mail address: [celeste.clermont@tpsgc-pwgsc.gc.ca](mailto:celeste.clermont@tpsgc-pwgsc.gc.ca)

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



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## 7.5.2 Project Authority

*(To be inserted at contract award)*

The Project Authority for the Contract is:

Name: \_\_\_\_\_  
Title: \_\_\_\_\_  
Organization: \_\_\_\_\_  
Address: \_\_\_\_\_  
  
Telephone: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
Facsimile: \_\_\_\_ - \_\_\_\_ - \_\_\_\_  
E-mail address: \_\_\_\_\_

The Project 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 Project Authority; however, the Project Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

## 7.5.3 Contractor's Representative

*(To be inserted at contract award)*

## 7.6 Proactive Disclosure of Contracts with Former Public Servants

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

## 7.7 Payment

### 7.7.1 Basis of Payment – Task Authorization

One of the following types of basis of payment will form part of the approved Task Authorization (TA):

(a) Firm Unit Price(s) or Firm Lot Price TA

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

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

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(b) Ceiling Price TA

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

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

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

(c) TA subject to a Limitation of Expenditure

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

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

No increase in the liability of Canada or in the price of the Work specified in the authorized TA resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

**7.7.2 Limitation of Expenditure – Cumulative Total of all Task Authorizations**

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

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### 7.7.3 Method of Payment

One of the following Method of Payment will be used for either Phases of the Work, as and when applicable:

#### 7.7.3.1 Single Payment

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

- (a) 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;
- (b) all such documents have been verified by Canada;
- (c) the Work delivered has been accepted by Canada.

#### 7.7.3.2 Milestone Payments

1. Canada will make milestone payments in accordance with the Schedule of Milestones detailed in the Contract and the payment provisions of the Contract, up to 90 percent of the amount claimed and approved by Canada if:
  - a. an accurate and complete claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
  - b. the total amount for all milestone payments paid by Canada does not exceed 90 percent of the total amount to be paid under the Contract;
  - c. all the certificates appearing on form [PWGSC-TPSGC 1111](#) have been signed by the respective authorized representatives;
  - d. all work associated with the milestone and as applicable any deliverable required have been completed and accepted by Canada.
2. The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of the item if the Work has been accepted by Canada and a final claim for the payment is submitted.

#### 7.7.3.3 Progress Payments

Canada will make progress payments in accordance with the payment provisions of the Contract, no more than once a month, for cost incurred in the performance of the Work up to 90 percent of the amount claimed and approved by Canada if:

- (i) an accurate and complete claim for payment using form PWGSC-TPSGC 1111(<http://www.tpsgc-pwgsc.gc.ca/app-acq/forms/documents/1111.pdf>), Claim for Progress Payment, and any other document required by the Contract have been submitted in accordance with the invoicing instructions provided in the Contract;
- (ii) the amount claimed is in accordance with the Basis of payment;

- (iii) the total amount for all progress payments paid by Canada does not exceed 90 percent of the total amount to be paid under the Contract;
- (iv) all certificates appearing on form PWGSC-TPSGC 1111 have been signed by the respective authorized representatives.

The balance of the amount payable will be paid in accordance with the payment provisions of the Contract upon completion and delivery of the item if the Work has been accepted by Canada and a final claim for the payment is submitted.

Progress payments are interim payments only. Canada may conduct a government audit and interim time and cost verifications and reserves the right to make adjustments to the Contract from time to time during the performance of the Work. Any overpayment resulting from progress payments or otherwise must be refunded promptly to Canada.

#### **7.7.4 SACC Manual Clauses**

A9117C (2007-11-30), T1204 - Direct Request by Customer Department

C0305C (2014-06-26), Cost Submission

#### **7.7.5 Electronic Payment of Invoices – Contract**

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

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

#### **7.7.6 Discretionary Audit**

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

#### **7.8 Invoicing Instructions**

The Contractor must submit a claim for payment using form [PWGSC-TPSGC 1111](#), Claim for Progress Payment.

Each claim must show:

- (a) all information required on form PWGSC-TPSGC 1111;
- (b) all applicable information detailed under the section entitled "Invoice Submission" of the general conditions;
- (c) the Task Authorization (TA) number;
- (d) the description of the milestone invoiced, as applicable.

For TAs subject to a Limitation of Expenditure or a Ceiling Price, each invoice must be supported by:

- (a) a list of all expenses, in accordance with the TA;
- (b) a copy of time sheets to support the time claimed;
- (c) a copy of the release document and any other documents as specified in the Contract;
- (d) a copy of the invoices, receipts, vouchers for all direct expenses, travel and living expenses;
- (e) a copy of the monthly progress report.

Applicable Taxes must be calculated on the total amount of the claim before the holdback is applied. At the time the holdback is claimed, there will be no Applicable Taxes payable as it was claimed and payable under the previous claims for progress payments. Holdback is not applicable to Milestone Payment.

The Contractor must prepare and certify an original claim on Form PWGSC-TPSGC 1111, and forward it to the Contracting Authority for certification in an electronic format to the electronic mail address identified under section entitled "Authorities" of the Contract. Portable Document Format (.pdf) is acceptable. The Contracting Authority will then forward the certified claim, in an electronic format, to the Technical Authority for appropriate certification after inspection and acceptance of the Work takes place, and onward submission to the Payment Office for the remaining certification and payment.

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

## **7.9 Certifications and Additional Information**

### **7.9.1 Compliance**

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

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

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

### **7.9.3 SACC Manual Clauses**

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

## **7.10 Applicable Laws**

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in (to be inserted at contract award).

### **7.11 Priority of Documents**

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

- (a) the Articles of Agreement;
- (b) the supplemental general conditions K3410C (2008-12-12) - Canada to Own Intellectual Property Rights in Foreground Information
- (c) the general conditions 2040 (2018-06-21) – General Conditions – Research and Development;
- (d) Annex A, Statement of Work;
- (e) Annex B, Basis of Payment;
- (f) Annex C, Security Requirements Check List;
- (g) the signed Task Authorizations (including all of its annexes, if any);
- (h) the Contractor's bid dated \_\_\_\_\_.

### **7.12 Defence Contract**

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

### **7.13 Foreign Nationals (Canadian Contractor)**

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

### **7.14 Insurance**

*SACC Manual* clause [G1005C](#) (2008-05-12) Insurance

### **7.15 Controlled Goods Program**

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

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## **ANNEX A STATEMENT OF WORK**

### **1. Title**

**Integrated Science and Technology (S&T) capabilities accessible to the Canadian Safety and Security Program (CSSP)**

### **2. Objective**

The Defence Research and Development Canada (DRDC) Centre for Security Science (CSS), requires on an “as and when requested” basis, Science and Technology (S&T) capabilities accessible to the broader activities harmonized in the Canadian Safety and Security Program (CSSP), and others as appropriate.

### **3. Background**

The CSS was founded in March of 2006 to serve as a centre for Canadian Public Safety & Security (PSS) S&T. It is managed by DRDC, in partnership with Public Safety (PS) Canada and the program governance structure. CSS delivers the CSSP and carries out other Public Safety and Security S&T related activities in support of about 21 federal departments and agencies. Further, the CSSP also manages activities, which influence Canadian provinces, territories, municipalities, and at the national level, as appropriate.

The DRDC CSS was responsible for the Chemical, Biological, Radiological, and Nuclear (CBRN) Research Technology Initiative (CRTI). The CRTI was a program that supported the development and implementation of leading edge S&T to address the preparation for, prevention of, response to and recovery from high impact chemical, biological, radiological, nuclear or explosive and the forensics (CBRNEf) of such agents. The CRTI program was launched in May 2002 and was renewed by Treasury Board in October, 2006. This program was widely regarded as an example and a template of a successful, federally led, collaborative S&T program with impact and influence. The CRTI program eventually evolved to include sister programs such as the Public Security Technical Program (PSTP) and the Canadian Police Research Centre (CPRC). All three (3) programs have since been integrated into a harmonized CSSP in 2012.

The harmonized CSSP is not “technology-focused”, but “outcome-driven”. The CSSP has evolved to an “all hazards” approach to risk as well as a Capability-based approach in which people, processes, technology and partnerships are addressed in an integrated fashion to deliver effects or influence on “outcomes” that matter to Canadians. The CSSP program is thus not just about maturing innovative technologies per se. To enhance public safety and security capabilities, the CSSP uses S&T as a lead investment to address Public Safety & Security Capability gaps. This Capability based approach has evolved from previous efforts [such as in the Department of National Defence (DND) and Canadian Forces (CF)] to assume a more holistic view of a Capability.

Further, the CSSP is counting on having access to S&T not only on a National level but on an International scale.

Like many Allied Centres, the CSS is largely dependent on access to S&T in the following five (5) broad domains to get work done and achieve the desired influences on Outcomes:

1. CBRNE and Natural hazards;
2. Critical, physical and digital infrastructure;
3. Border security, Biometrics for national security and Surveillance Intelligence and Interdiction;
4. Emergency Management, Communications Interoperability, Operational decision support, Psycho Social aspects; and
5. Tri-Services, which includes Law enforcement (LE), Fire, Emergency Medical System (EMS).

The fundamental premise of the CSSP is that S&T, when employed as a lead investment, enables the partner departments or agencies to continue to progress forward and stay ahead of all hazards and threats and thus, augment their capabilities. The CSSP has a significant role in scoping the application of S&T capabilities but needs input from and access to the industrial community to support the CSSP. The end goal of this present effort is to rapidly and efficiently enhance Canada's capacity to 'scale up' the use of S&T capabilities to meet specific S&T or operational requirements. This is even more important knowing the many partners in the CSSP are not from lab-based departments or agencies. In response to the CSSP's requirement to employ S&T as a lead investment, these services are required to provide optimal access to efficient and effective industrial S&T and to provide the desired enhanced support to the broader CSSP communities. The work carried out will develop a greater capacity to scale up responses and generate a greater impact with agility on addressing gaps relevant to the public safety security outcomes.

#### 4. Acronyms

AHRA	All Hazards Risks Assessment
CB	Chemical Biological Agents
CBRN	Chemical, Biological, Radiological, Nuclear
CBRNE	Chemical, Biological, Radionuclear and Explosives
CBRNEf	Chemical, Biological, Radionuclear Explosives and forensics
CF	Canadian Forces
CIP	Critical Infrastructure Protection
CONOPS	Concept of Operations
CPRC	Canadian Police Research Centre
CRTI	CBRN Research Technology Initiative
CSS	Centre for Security Science
CSSP	Canadian Safety and Security Program
DHS	Department of Homeland Security
DND	Department of National Defence
DRDC	Defence Research and Development Canada
EM	Emergency Management
EMS	Emergency Medical Services
ICS	Industrial Control System
LE	Law Enforcement
PS	Public Safety
PSS	Public Safety & Security
PSTP	Public Security Technical Program
S&T	Science & Technology
SCADA	Supervisory Control and Data Acquisition
SOW	Statement of Work
TA	Technical Authority
T&E	Test and evaluation



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## 5. Applicable Documents and References

None.

## 6. Tasks

The Contractor must provide a range of services to the CSSP team. Work will be defined and authorized by Canada in the form of a task authorization that is raised on an "as and when requested" basis. After having accepted a task authorization, the Contractor must then execute the task, mostly at the Contractor's facilities. The Contractor must perform such work in an iterative and incremental fashion, to ensure adherence to requirements and standards, access to first responders, and to ensure the influence on Outcomes is reached.

**6.1** It is expected that these tasks may include any of the following classes of support as shown below. To assist in the planning and the development of the CSSP portfolio areas, work tasks will be required to focus support within the following S&T areas of interest:

1. Chemical;
2. Biological;
3. Radiological/Nuclear;
4. Explosives;
5. Forensics of CBRNE;
6. Critical Infrastructure Protection (CIP), Risk, Dependencies and Interdependencies;
7. eSecurity, focused on bolstering Critical Digital Infrastructure for Industrial Control Systems (ICS) and Supervisory Control and Data Acquisition (SCADA) systems, as well as combating cybercrime by augmenting the Capability to identify, mitigate, neutralize cyber threats mainly at the national level;
8. Border & Transportation Security, including Cargo security, Traveller security and Transit security;
9. Biometrics for national security;
10. Intelligence-led Surveillance & Interdiction;
11. Emergency Management including Disaster resilience, Emergency Operations Centres (EOC), Situation Awareness, Operational decision support;
12. Communications Interoperability;
13. Psycho-Social including Community Resilience, as well as Radicalization & Extremism;
14. Risk Assessment, Consolidated Risk Assessment (CRA) and All Hazards Risk Assessment (AHRA);
15. Capability Based approach: capabilities to Anticipate, Prevent, Prepare, Respond and Recover from emergencies and disasters;
16. Visual Analytics, predictive analytics as well as video analytics;
17. Tri-services analyses (LE, Fire, EMS);
18. Public Safety and Security Policy;
19. Business Development, market analysis and Technology transition;
20. Operational Research & Analysis;
21. Advanced Strategic analysis; evidence based Policy analysis;
22. Test and Evaluation (T&E) analysis; and
23. Modelling and Simulation.

To further assist planning, the anticipated relative proportion of requests for each type of task in relation to all clusters and working groups is expected to be relatively equal.

**6.2** The contractor will be required to execute broad types of tasks described below on an 'as and when requested basis':

**6.2.1 Concept Definition and Analysis Studies**

The Contractor must work with members of the CSSP to explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis. Concept definition and analysis remain Outcome-Driven.

**6.2.2 Project Management**

The Contractor must develop S&T project plans and manage its project teams assigned to all task authorizations consistent with the methodologies followed by the Project Management Institute (PMI). This project management work may include the need to publish and modify project plans as required, forecast resource and cost requirements, monitor and control the S&T work of project teams towards the completion of those plans, report progress, and lead progress review meetings.

**6.2.3 Risk Analysis**

The Contractor must conduct the following:

- 1) Threat and proliferation assessment analysis;
- 2) Vulnerability assessment analysis;
- 3) Foresight and security visioning analysis;
- 4) Risk analysis in the context of risk management frameworks, such as the Consolidated Risk Assessment (CRA) or the All Hazards Risk Assessment (AHRA); and
- 5) Capability gap analysis as it applies to investment prioritization. Subject Matter Expertise (SME) may be required to support the conduct of work for CSSP and may include and necessitate deep knowledge of the Public Safety and Security Policy, Operations, S&T and Intelligence communities.

**6.2.4 Organization and Facilitation of Multi-Disciplinary S&T Team Events and Workshops**

During the definition of operational requirements, the creation of concept or system or capability designs, the planning of experiments, and the review of experimental results for exploitation, the Contractor must plan, lead, and summarize the results of multidisciplinary team sessions, some of which may be executed in a distributed fashion employing collaborative planning environments or in workshops. Such sessions may involve the assistance of a different group of stakeholders in support of the five (5) broad domain areas through structured collaboration, resulting in recorded, agreed upon, and prioritized material for the project. Teams may be related to threats or hazards, targets of such threats or finally, on operations against such threats.

**6.2.5 Capability Analysis and Capability Assessment**

The Contractor must conduct an analysis of user requirements, system requirements, and capability requirements. The contractor must also validate and document requirements with associated stakeholder communities, in order to define new concepts for systems or capabilities. Furthermore, the Contractor must provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models). At the capability level, design inputs could typically be required in the form of Department of Defence Architecture Framework (DoDAF) artifacts, often at the Operational View (OV) level, but at times System Views and Technical Views (SVs and TVs) will also be required.

Additionally, the ability to extend architecture analysis at the strategic and enterprise level will be required, primarily as a means to demonstrate traceability to a strategic or departmental vision. Interactions (information, communications and technology) between organizations will be required to reflect the interdependent relationships that can influence the overall impact of an event and an outcome-based solution or both.

#### **6.2.6 Architecture Environment Configuration and Operation**

The Contractor must configure a range of modeling and simulation (M&S) tools to execute architectures in operationally relevant experimental scenarios. These tasks will require both the extension of architecture modeling tools, and M&S environments to increasingly automate the flow of architecture designs into simulation environments, and to increasingly link simulation environments to architecture modeling tools. These tasks will require the Contractor to configure simulation-based analytical environments able to capture system and capability level metrics when architectures are executed in operationally relevant scenarios. M&S environments used to support executable architectures can include both stand alone and distributed simulation, and both constructive and virtual simulation. In support of Public Security's 'system-of-systems' analysis and architectural studies, the Contractor must integrate simulation environments with Command and Control (C2) systems, whereby human-in-the-loop command team exercises can be used to exercise alternative architectures, and operators exercise with their actual or new C2 systems in the simulation.

#### **6.2.7 Experimentation Planning and Design**

The Contractor must define experimentation or exercise campaigns in support of the five (5) broad domains, which are a high level plan for a series of experiments towards an agreed upon objective, in addition to defining individual experiments. The Contractor must develop experimental plan documents, including scenario definition, measurement definition and methods, and the definition of the experimental conduct plan including physical setup (hardware and software infrastructure or both required). In many instances, these experiments will be executed in a distributed fashion and therefore expertise in defining, developing and executing and reporting on distributed simulation experiments is required.

#### **6.2.8 Experimentation Execution, Conduct, and Reporting**

The Contractor must lead the conduct of credible and authoritative experiments and experimentation. While CSSP will develop or will have access to a suitable suite of M&S-based tools to support its programs, initial program development will leverage common methods and simulation methodologies within DRDC and beyond and, as such, these tasks will require the Contractor to employ Canada's tool kit, and others which may include, but are not limited to:

- 1) Modelling and simulation tools, such as:
  - i. Matlab™;
  - ii. Finite Element Modelling (FEM) based tools;
  - iii. Computational Fluid Dynamics (CFD) based tools;
  - iv. ALL HAZARDS tools (tools to model and to simulate CBRN agents, Explosive Blast, Earthquake, Flood, Wildfires, Tsunamis); and
  - v. Disaster-losses tools such as in HAZUS™.
- 2) Capability Analysis tools, such as:
  - i. DOORS™;
  - ii. CORE™;
  - iii. System Architect™;
  - iv. Federal Emergency Management Agency's National Incident Management System (NIMS) software tool "NIMCAST"; and

- 
- v. IPME™.
- 3) GIS-based Emergency Management (EM) tools and EM tools such as:
- i. CSS' own Multi-Agency Situational Awareness System (MASAS);
  - ii. ESRI™ based tools such as:
    - a. ArcGIS™;
    - b. EmerGeo™; and
    - c. Incident Command System tools.
- 4) Visualization tools such as:
- i. CSS' MASAS;
  - ii. DHS' Virtual USA;
  - iii. FEMA's IPAWS;
  - iv. HAZUS™; and
  - v. Visual analysis tools, such as Geotime™.

From the above, the Contractor must gather and produce experimental data, reduce experimental data sets and publish the results in formal DRDC Technical Reports, using the DRDC template, provided by the technical authority, for proper formatting.

Other requested formats may also be required via Data Item Descriptions (DIDs - see Annex J), presentations, and conference or scientific journal papers. There may also be the requirement for other specific analyses, which are described below:

#### **6.2.9 Policy Analysis, Strategic S&T Posture Analysis**

The Contractor must lead the conduct of analyses in relation to new policy or new strategic perspective, the impact or potential impact on S&T, and the impact of S&T on such policy in the whole of Government.

#### **6.2.10 Technology Roadmaps and Technology 'RoundUps'**

The Contractor must map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to contrast innovative technologies on TRL, sensitivity, cost, user friendliness, for example) prior to decision making on selection for additional technology investments.

#### **6.2.11 Capability Roadmaps**

The Contractor must map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.2.12 Market analysis, market size analysis, business development, technology transition analysis and finally, technology transition reporting**

The Contractor must document an analysis of the market for mature innovative technology that would be first to market, document the size of such opportunity, analyze a transition journey to operations and finally document the influence on the targeted outcome.

### **6.3 CSSP Categories of Resources as well as description and examples of Task**

The resources must perform tasks as described, but not limited to, those listed below:

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## **CORE RESOURCES**

### **6.3.1 Account Manager**

- Facilitates coordination and collaboration amongst the Contractor and DND resources;
- Strategically discuss new emerging opportunities for the Enterprise;
- Manages strategically the account; and
- Optimizes Resources to the tasks for optimal efficacy and efficiency of all involved.

### **6.3.2 Chief S&T Advisor**

- Provides recommendations on strategically complex problems, complex protocols that are essential for a Proper Way Ahead to mature or to operationalize innovative Technology;
- Concept Definition and Analysis Studies: Explore, define, appropriately test and report on new innovative concepts/ technologies and the feasibility / applicability of such concepts / technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Produce evidence-based option analysis;
- Ensures that Concept/Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design;
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### **6.3.3 Senior Capability Engineering and Architecture SME**

- Establish and assist execution of a strategic Architecture framework analysis, in support of a Capability plan;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Advise on, and facilitate the collaborative development of a Capability Roadmap;
- Advises on challenges and opportunities based on the data gathered from the various Architecture framework "Views";
- Explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;

- 
- Conduct Capability Analysis and Capability Assessment;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design;
  - Provide design inputs typically in the form of design descriptions, illustrations, and visual prototypes (at times models). At the capability level, design inputs could typically be required in the form of Department of Defence Architecture Framework (DoDAF) artifacts, often at the Operational View (OV) level, but at times System Views and Technical Views (SVs and TVs) will also be required;
  - Extend architecture analysis at the strategic and enterprise level will be required, primarily as a means to demonstrate traceability to a strategic or departmental vision. Interactions (information, communications, and technology) between organizations will be required to reflect the interdependent relationships that can influence the overall impact of an event and an outcome-based;
  - Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Configure Architecture Environment to execute architectures in operationally relevant experimental scenarios;
  - Capture system and capability level metrics when architectures are executed in operationally relevant scenarios; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.4 Cyber SME in ICS and SCADA**

- Understand related complex challenges and opportunities;
- Executes with the National Community, S&T plans to close gaps;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and

- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### **6.3.5 Cyber SME in Capability to ID Mitigate Neutralize Cyber Threats**

- Understands scientific and technological gaps in the capability to ID, Mitigate and neutralize Cyber threat and to combat cybercrime at national Level;
- Carries out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new innovative Concepts / Technologies and the feasibility or applicability of such concepts / technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### **6.3.6 Advanced Strategist**

- Develops strategic advice on Governance Model or Legal Model or Investment Model or science & Technology insertion Model in support of Transformation, in support of evolution of the Program, in support of the Communities of Practice or in support of a required Way Ahead;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;

- 
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Policy Analysis, Strategic S&T Posture Analysis: lead the conduct of analyses in relation to new policy or new strategic perspective, their impact or potential impact on S&T and the impact of S&T on such policy in the whole of Government; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### **6.3.7 Senior Modelling & Simulation Specialist**

- Understands and builds new representative scenarios and new M&S constructs;
- Evaluate hardware, software, and facilities requirements for the simulation capability or its efficacy;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### **6.3.8 Critical Infrastructure Protection (CIP) SME**

- Understands scientific and technological gaps in key CIP sectors;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps in the one sector or gaps in dependencies or interdependencies;



- 
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
  - Address operationalization of solutions;
  - Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
  - Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
  - Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

## **SECONDARY RESOURCES**

### **6.3.9 Project Manager**

- Act as Senior PM for large Transactions;
- Directs the project implementation processes associated with S&T projects to confirm objectives and priorities and oversee guidelines and protocols to ensure alignment with DRDC-CSS priorities and PWGSC policy and reporting requirements;
- Manage the administration of annual project business cycle processes; and
- Oversees the implementation and reports on the performance of projects and programs for conformance to program strategy, plan and schedule.

### **6.3.10 Intermediate Capability Engineering and Architecture SME**

- Tasks are as above, but to a lower level complexity and sensitivity, requiring a lower level of experience.

### **6.3.11 Security Risk Assessment SME**

- Capture the AHRA (All Hazards Risk Assessment) 'Body of Knowledge' to help promote the AHRA-like framework model across jurisdictions and to help support informed decision making;
- Formulates and executes novel approaches to Risk;
- Conduct the following:
  - a. Threat and proliferation assessment analysis;
  - b. Vulnerability assessment analysis;

- c. Foresight and security visioning analysis;
  - d. Risk analysis in the context of risk management frameworks, such as the Consolidated Risk Assessment (CRA) or the All Hazards Risk Assessment (AHRA); and
  - e. Capability gap analysis as it applies to investment prioritization.
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
  - Support the conduct of work for CSSP and may include and necessitate deep knowledge of the Public Safety and Security Policy, Operations, S&T and Intelligence communities;
  - Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis; and
  - Ensures that Concept definition and analysis remain Outcome-Driven.

### 6.3.12 Chemical Biological Agent SME

- Understands scientific and technological gaps in CB S&T;
- Matures the science or the technology or concepts of Defence against CB agents and executes plans for successful transition and operationalization of such related outputs to clients;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

### 6.3.13 Radionuclear Agent SME

- Understands scientific and technological gaps in RN;
- Matures the science or the technology or concepts of Defence against RN agents and executes plans for successful transition and operationalization of such related outputs to clients;

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- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new innovative concepts/ technologies and the feasibility or applicability of such concepts / technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
  - Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
  - Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
  - Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.14 Explosives SME**

- Understands scientific and technological gaps in Explosives and Home Made Explosives;
- Matures the science or the technology or concepts of Defence against E and HME agents and executes plans for successful transition and operationalization of such related outputs to clients;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative

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technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and

- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.15 CBRNE Forensics SME**

- Understands scientific and technological gaps in the CBRNE Forensic domain/process;
- Matures the science or the technology or concepts of the CBRNE Forensic process and executes plans for successful transition and operationalization of such related outputs to clients;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps in the forensic process. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems, process or capabilities;
- Provide design support to members of CSSP to assist with system, capability assessment, process development, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments that support the forensic process; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.16 Intermediate Modeling & Simulation Specialist**

- Tasks are as above, but to a lower level complexity and sensitivity, requiring a lower level of experience.

#### **6.3.17 Senior Test & Evaluation Specialist in Trials, Demonstrations and Experimentations**

- Identify appropriate qualitative and quantitative measurements that are relevant to a Trial, Demonstration or Experimentation;
- Select metrics that would document the testing of the hypothesis;
- Document whether the data supports that the TOOL being tested and evaluated was built right, and whether the right tool was actually built for the requirement, through trials, demonstrations and experiments in various relevant or operational environments;

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- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
  - Confirm the resultant TRL level of the Technology;
  - Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
  - Ensures that Concept / Technology definition / analysis remain Outcome-Driven to document influence on outcomes;
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.18 Intermediate Test & Evaluation Specialist in Trials, Demonstrations and Experimentations**

- Tasks are as above, but to a lower level complexity and sensitivity, requiring a lower level of experience;

#### **6.3.19 Border Security SME**

- Establish a baseline of feasible sensor technologies based on current COTS systems. Project these and other emerging technologies in a reasonable way to the 2025 timeframe;
- Establish metrics for Sensor sophistication, Practicality, durability, maintainability, sensitivity, reproducibility, etc.;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensure that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and

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- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.20 Biometrics SME**

- Establish a baseline of feasible technologies based on current COTS systems. Project these and other emerging technologies in a reasonable way to the 2025 timeframe;
- Establish metrics for Technology sophistication, Practicality, durability, maintainability, sensitivity, reproducibility, etc.;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.21 Emergency Management SME**

- Understands scientific and technological gaps in key Emergency Management;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps in EM;
- Address operationalization of solutions;
- Performs Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;

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- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.22 Communications Interoperability SME**

- Understands scientific and technological gaps in Communications Interoperability and 700 MHz part of the Spectrum;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

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**6.3.23 Wireless Communications and Information Sharing SME**

- Understands scientific and technological gaps in Wireless Communications and Information Sharing and 700 MHz part of the Spectrum;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test& Evaluations with the Community of Interest;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

**6.3.24 Data Science SME**

- Understands scientific and technological gaps in Data Science;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test& Evaluations with the Community of Interest;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;



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- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.25 Community Resilience SME**

- Understands scientific and technological gaps in Community resilience;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;
- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
- Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
- Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
- Conduct requirements analysis of user requirements, system requirements, and capability requirements;
- Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
- Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.26 Radicalization & Extremism SME**

- Understands scientific and technological gaps in Radicalization & Extremism;
- Carry out experiments to document the value of new innovative concepts / technologies to address gaps;
- Address operationalization of solutions;

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- Conceives, carries out and reports on appropriate and fit-for-the-purpose studies, experiments, trials or Test & Evaluations with the Community of Interest;
  - Concept Definition and Analysis Studies: explore, define, appropriately test and report on new concepts, new innovative technologies and the feasibility or applicability of such concepts and technologies that may enhance existing capabilities, the definition of new and emerging capabilities, and opportunities for minimizing capability gaps. This includes evidence-based option analysis;
  - Ensures that Concept definition and analysis remain Outcome-Driven to document influence on outcomes;
  - Conduct requirements analysis of user requirements, system requirements, and capability requirements;
  - Validate those requirements with associated stakeholder communities and formalize those requirements in documents, as required, to define new concepts for systems or capabilities;
  - Provide design support to members of CSSP to assist with system, or capability assessment, or concept design. At the system level, design inputs will typically be required in the form of design descriptions, illustrations, and visual prototypes (at times models);
  - Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
  - Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.27 Business Development, Analysis and Transition SME**

- Performs Market analysis, market size analysis;
- Develops business development plans;
- Articulate strategy for technology transition operationalization and commercialization;
- Develop a strategy for technology transition reporting;
- Technology Roadmaps and Technology 'RoundUps': map out the expected time course of maturation of various innovative technologies, as well compare and contrast competing technologies ('RoundUps' are a means to compare and contrast existing innovative technologies on TRL, sensitivity, cost, user friendliness, efficacy, for example) prior to decision making on selection for additional technology investments; and
- Capability Roadmaps: map out and assess the combination of people, process and a particular new innovative technology to a particular capability gap, and ultimately assess the risk of transitioning that innovative technology holistically with people and processes of related organizations in a pilot or in a persistent manner.

#### **6.3.28 Facilitation and Workshop Specialist**

- Organize, facilitate and manage a multi-day Workshops, with subject matter experts as guest speakers. Upon completion of the workshop a report will be completed to capture the lessons learned during the workshop's conduct;
- During the definition of operational requirements, the creation of concept or system or capability designs, the planning of experiments, and the review of experimental results for exploitation, plan, lead, and summarize the results of multi-disciplinary team sessions, some of which may be executed in a distributed fashion employing collaborative planning environments or in workshops; and

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- Facilitation of a disparate group of stakeholders in support of the five (5) broad domain areas through structured collaboration, resulting in recorded, agreed upon, and prioritized material for the project. Teams may be related to threats or hazards, targets of such threats or finally, on operations against such threats, augmenting the complexity of the effort.

### **6.3.29 Technical Writer**

- During the definition of operational requirements, the creation of concept or system or capability designs, the planning of experiments, and the review of experimental results for exploitation, the Contractor may be required to summarize the results of multi-disciplinary team sessions, some of which may be executed in a distributed fashion.

## **7. Deliverables**

The deliverables to be created and submitted by the Contractor, will be detailed in each task authorization and must be provided to the Technical Authority in accordance with the provisions of the task authorization and in accordance with the schedule therein. The conditions of acceptance for the deliverables, and how they must be submitted, will be detailed in each task, and must all be to the satisfaction of Canada.

Although this is not an exhaustive list, the Contractor may create and submit deliverables of the following types:

- a. Feasibility study reports;
- b. Scoping analysis and plans;
- c. Strategic analysis for optimal S&T posture;
- d. Evidence-based policy analysis;
- e. Progress Reports (on tasks longer than 3 months) (Related DID or Template is found at <http://users.csc.calpoly.edu/~jdalbey/205/Mgmt/progressreport.html>)
- f. Analysis Reports (architecture analysis, requirements analysis, operational analysis, human system integration analysis; threat and risk analysis, capability analysis);
- g. Experimental Plans ; (such a template will include the following: Project summary, Objectives, Need for research, Scientific Background, Approach & Procedures, Milestones & Outcomes);
- h. Experimental Design for Trial Development (both live and simulation-based);
- i. Configuration and operation of M&S environments for simulation-based scenario driven experiments;
- j. Support to field or simulation-based experimentation;
- k. Experimentation Reports;
- l. Architecture Descriptions (with different sets of views);
- m. Test & Evaluation (T&E) Plans and Reports;
- n. Technology roadmaps;
- o. Capability roadmaps;
- p. Concept of Operations (CONOPS) reports, on how a new innovative technology would be used in an operational capability; and
- q. Business development plans, market analysis, technology transition reports.

## **8. Date of Delivery**

As detailed in the individual tasks.

## **9. Language of Work**

English.

## **10. Contractor Support**

As required, Canada may provide a desk should the Contractor be required to perform some of the work "on-site". Technical and clerical support, supplies and equipment necessary to accomplish tasks must be provided by the Contractor.

As required, Canada may supply a workspace, and telephone for Contractor resources during the normal hours of operation in DND. Access during "silent hours" must be pre-arranged and preapproved by the Technical Authority (TA). An unclassified web-based portal may be set up by Canada to ensure the sharing of key common documents. Typically, this is accomplished without the need for the Contractor to buy specialized software.

The Technical Authority will act as the liaison between the Contractor and other Government of Canada (GoC) departments, as required.

## **11. Travel and Living**

There may be a requirement to travel. Travel requirements, if applicable, will be specified in each Task Authorization.

## **12. Meetings**

As required, to be identified within the individual tasks.

## **13. Government Supplied Material (GSM)**

To be specified within the individual tasks.

## **14. Government Furnished Equipment (GFE)**

Canada may provide the Contractor with access to Government Furnished Information (GFI) or Government Furnished Equipment (GFE). As required, all GFE and GFI will be identified within a task authorization. The Contractor must track all provided GFE and GFI using the appropriate DND forms and must return all items upon completion of the task.

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## ATTACHMENT 1 MANDATORY AND POINT RATED TECHNICAL CRITERIA

### **INSTRUCTIONS**

**1. To be considered compliant a proposal must:**

- a. Meet all of the Mandatory requirements;
- b. Achieve the required minimum score of 60% overall and for each proposed resource; and
- c. **Bidders must propose two resources (Lead & Back-up) for each CORE Resource Category** (see below) that meets the minimum overall criteria score of 60%. Both proposed resources will be evaluated and their scores utilized in the Bid Evaluation in the following manner. **A resource may only be named once in the bid, as either a Lead or a Back-up.**

**2. In evaluating resource past performance experience, compliance must be demonstrated through a well written, coherent, brief (if possible), past project description containing the following:**

- 1) Name of the project;
- 2) Resource position;
- 3) Contract start date;
- 4) Work completion date;
- 5) Duration of the experience in months;
- 6) Description of the project and other relevant details that document how this experience has been acquired by the Bidder;
- 7) An explanation why this experience meets the specific criteria of this solicitation; and
- 8) Client Contact Info, reference, if available. If no reference is available please indicate why.

**3. All non-Canadian education must be recognized by the Canadian Center for International Credentials <http://cicic.ca/2/home.canada>**

**4. The following sections describe the general corporate and resource requirements whereas the full and complete evaluation details are found in subsequent sections / tables. Note the following:**

- a. **Corporate Capability – Requirements** In the response to this RFP, the bidder should provide evidence of corporate capability and past corporate experience in the areas related to some of the previous concepts;

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- b. **Resource Categories – Requirements** In order to demonstrate sufficient resource skills capability, and in order to support a variety of activities, the bidder should name and describe the capability of resources (**Lead** and **Back-up**) against a series of resource point rated categories;
- c. **Process to add a “Resource”** The **Lead & Back-up** Resources identified and described in the bid will be scored for bid evaluation purposes. These resources will become the eligible resources under the contract for work on each task authorization. In future Task Authorizations, as a result of a larger than anticipated volume of transactions, it is possible that additional resources will be required in any of the stated categories. The bidder must be able to propose additional resources for the stated categories as required to meet this increased demand. Additional Resources, beyond the present **Lead & Back-up**, resources must meet or surpass the score reached by the Lead & Back-up evaluated at bid submission.
- d. **Resource Category** - Two different resumes, one for the Lead and one for the Back-up, must be provided for each of the following **CORE Resource** categories (shown below) for bid evaluation purposes. Proposed candidates must only be found in a single category and must meet the minimum criteria of 60%;

**Evaluation Criteria Technical Responses** – Whenever possible, please keep all technical responses to 1- 2 paragraphs. This is only a suggestion from Canada and it is the responsibility of the bidder to demine the appropriate length of each answer provided. Bidders will not be deemed non-complaint for providing responses longer than 2 paragraphs.

5. **Core Resources** to be evaluated with Bid

- 1) Account Manager
- 2) Chief S&T Advisor
- 3) Senior Capability Engineering and Architecture SME
- 4) Cyber SME in ICS and SCADA
- 5) Cyber SME in Capability to ID Mitigate Neutralize cyber threats
- 6) Advanced Strategist
- 7) Senior Modelling & Simulation Specialist.
- 8) Critical Infrastructure Protection (CIP) SME

**Mandatory Criteria**

<b>MANDATORY Criteria – CORPORATE Capability</b>			
<b>Category</b>	<b>Criteria</b>	<b>Comments</b>	<b>Evaluation</b>
<b>M1 – Concept Development &amp; Analysis</b>	<p>The Bidder must demonstrate that it has a minimum of 12 months experience in the last 60 months from the date of solicitation issuance, across two (2) projects with a government funded project (Federal, Provincial, and or, municipal), highlighting their specific roles in Concept Development and Analysis.</p> <p>Bidders must provide details regarding experience in:</p> <ul style="list-style-type: none"> <li>a. the development of alternative concepts to meet the Operational needs; and</li> <li>b. the direct application of analysis methodologies, designing experiments, and the development of application metrics (Measures of Performance, Measures of Effectiveness, and Capability-Level evaluation of alternative Capability design, etc.</li> </ul> <p>All internal corporate experience must be relevant / similar in nature to one of the CSSP five broad domain areas:</p> <ul style="list-style-type: none"> <li>1. CBRNE hazards and Natural hazards;</li> <li>2. Critical physical and digital infrastructure;</li> <li>3. Border security, Biometrics for national security and Surveillance Intelligence and Interdiction;</li> <li>4. Emergency Management, Communications Interoperability, Operational decision support; and</li> <li>5. Tri- Services (Law Enforcement, Fire, EMS).</li> </ul>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>

<p><b>M2 – Architecture Framework Analysis (Capability Level)</b></p>	<p>The Bidder must demonstrate that it has a minimum of 12 months experience, in the last 60 months from the date of solicitation issuance, working on projects that employed an architecture framework.</p> <p>Bidders must provide details regarding experience in:</p> <ul style="list-style-type: none"> <li>a. The design, development and execution of analysis with DoDAF like architecture frameworks, (such as TOGAF, Zachman, MoDAF, DoDAF etc.) that are relevant / similar in nature to any of the CSSP five broad domain areas (shown in 1 - Concept Development &amp; Analysis above);</li> <li>b. that the architecture frameworks includes, but is not limited to, the development of the following types of views: <ul style="list-style-type: none"> <li>i. Organization Views (OVs);</li> <li>ii. System Views (SVs); and</li> <li>iii. Technical Views (TVs).</li> </ul> </li> </ul>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>
<p><b>M3 – M &amp;S-based Experimentation (at System Level and at Capability level)</b></p>	<p>The Bidder must demonstrate that it has a minimum of 24 months experience, in the last 60 months from the date of solicitation issuance, defining, configuring, or operating a Modeling and Simulation (M&amp;S) environment(s) in the support of analysis and experimentation at the System level or Capability level.</p> <p>Bidders must provide details regarding :</p> <ul style="list-style-type: none"> <li>a. whether its experience was live, constructive or virtual simulation experience; and</li> <li>b. how this experience fits into their corporate M&amp;S capability (methodologies and tools).</li> </ul>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>



<p><b>M4 – Experience in 5 broad areas of interest</b></p> <ol style="list-style-type: none"> <li>1. CBRNE and Natural hazards;</li> <li>2. Critical, physical and digital infrastructure;</li> <li>3. Border security, Biometrics for national security and Surveillance Intelligence and Interdiction;</li> <li>4. Emergency Management, Communications Interoperability, Operational decision support, Psycho Social aspects; and</li> <li>5. Tri-Services, which includes Law enforcement (LE), Fire, Emergency Medical System (EMS).</li> </ol>	<p>The Bidder must demonstrate that it has documented experience of at least one project, in the last 60 months from the date of solicitation issuance, which has matured an innovative technology or methodology in the five (5) areas of interest.</p> <p>Bidders must provide details regarding:</p> <ol style="list-style-type: none"> <li>a. Its part in maturing an innovative technology or methodology from a minimal of 3 different Technology Readiness Levels (TRL) (ranging from TRL levels 3 to 9); and</li> <li>b. That the technology of methodology projects be relevant / similar in nature to at least one of the five CSSP broad domain areas shown in 1 - Concept Development &amp; Analysis above.</li> </ol>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>
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<p>(<a href="http://www.drdc-rddc.gc.ca">www.drdc-rddc.gc.ca</a> is a useful site for more details)</p>			
<p><b>M5. Application of Capability based Approach with Federal, Provincial / Territorial, Municipal</b></p>	<p>The Bidder must demonstrate that it has completed at least one project, in the last 60 months from the date of solicitation issuance, that employed a Capability-based approach across at least two levels of government (federal, provincial / territorial and municipal)</p>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>
<p><b>M6. Contract management Experience executing multiple concurrent tasks</b></p>	<p>The Bidder must demonstrated that it has completed at least two projects, in the last 60 months from the date of solicitation issuance, that required management of resource support contracts containing the following elements:</p> <ul style="list-style-type: none"> <li>a. valued at 1 million or more;</li> <li>b. involved the management and execution of multiple concurrent resources (10 or more); and</li> <li>c. Involving the execution of multiple concurrent contract task authorizations (5 or more).</li> </ul>		<p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>
			<p><b>OVERALL:</b></p> <p>Meets Mandatory Criteria <input type="checkbox"/></p> <p>Does NOT Meet Mandatory Criteria <input type="checkbox"/></p>

**Point Rated Technical Criteria**

Category	Criteria	Evaluation Methodology (Quantity Experience)	Points allocation
<p><b>PR1 – Corporate Knowledge</b></p>	<p>The Bidder should demonstrate a corporate understanding of the CSSP's PS S&amp;T activities.</p> <p>Bidders can demonstrate this understanding by providing details in research and development projects including studies, analysis, experimentation, and simulation-based assessment through a written summary of industry best practices focusing on each of the following specified areas (6 month minimal experience required for each area). Please provide a 1-2 paragraph explanation for each area:</p> <ul style="list-style-type: none"> <li>a. Concept Development;</li> <li>b. Architecture Framework;</li> <li>c. Experimentation &amp; Trial;</li> <li>d. Modeling &amp; Simulation;</li> <li>e. Capability Assessment; and</li> <li>f. Intelligence, Surveillance, Reconnaissance (ISR).</li> </ul>	<p>20 points for each specified area provided (a to f).</p> <ul style="list-style-type: none"> <li>a. 6+ months Concept Development experience = 20 points</li> <li>b. 6+ months Architecture Framework experience = 20 points</li> <li>c. 6+ months Experimentation &amp; Trial experience = 20 points</li> <li>d. 6+ months Modeling &amp; Simulation experience = 20 points</li> <li>e. 6+ months Capability Assessment experience = 20 points</li> <li>f. 6+ months Intelligence, Surveillance, Reconnaissance (ISR) experience = 20 points</li> </ul>	<p><b>(Max 120 pts)</b></p>

<p><b>PR2 – Corporate Methodology</b></p>	<p>The Bidder should demonstrate that it has a corporate methodology for simulation-based analysis and experimentation, at the system and capability level that is:</p> <ul style="list-style-type: none"> <li>a. Documented and trained within the corporate work force; and</li> <li>b. Documented and trained within its sub-contractor.</li> </ul>	<p>20 points for each specified area provided.</p> <ul style="list-style-type: none"> <li>a. Documented and trained within the corporate work force = 20 points</li> <li>b. Documented and trained within its sub-contractor = 20 points</li> </ul>	<p><b>(Max 40 pts)</b></p>
<p><b>PR3 – Corporate M&amp;S Technology Base</b></p>	<p>The Bidder should demonstrate the breadth and depth of the M&amp;S technology software tools available in its organization for constructive and virtual simulation based experimentation.</p> <p>This assessment will be based upon the Bidder's corporate internal experience, using tools found in and/or similar to Canada's existing tool suite, working on R&amp;D projects (6 month minimal experience required for each tool category).</p> <p>(please provide 1-2 paragraph explanation for each tool category):</p> <ul style="list-style-type: none"> <li>a. M&amp;S tools, such as: <ol style="list-style-type: none"> <li>1. Matlab™</li> <li>2. Finite Element Modelling (FEM) based tools</li> </ol> </li> </ul>	<p>15 points for each specified tool category provided (a to d).</p> <ul style="list-style-type: none"> <li>a. 6+ months M&amp;S tools experience = 15 points</li> <li>b. 6+ months Capability Analysis tools experience = 15 points</li> <li>c. 6+ months GIS-based Emergency Management (EM) tools and EM tools experience = 15 points</li> <li>d. 6+ months Visualization tools experience = 15 points</li> </ul>	<p><b>(Max 60 pts)</b></p>

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	<p>3. Computational Fluid Dynamics (CFD) based tools</p> <p>b. Capability Analysis tools, such as:</p> <ol style="list-style-type: none"><li>1. DOORS™</li><li>2. CORE™</li><li>3. System Architect™</li></ol> <p>c. GIS-based Emergency Management (EM) tools and EM tools such as:</p> <ol style="list-style-type: none"><li>1. CSS' own MASAS</li><li>2. ESRI™ tools</li><li>3. EmerGeo™</li></ol> <p>d. Visualization tools such as:</p> <ol style="list-style-type: none"><li>1. CSS' MASAS</li><li>2. DHS' Virtual USA</li><li>3. FEMA's IPAWS</li></ol>		
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<p><b>PR4 – Corporate Capability and Architecture Analysis Technology Base</b></p>	<p>The Bidder should demonstrate the breadth and depth of the Capability Level Analysis and Design Technology Base experience</p> <p>This assessment will be based upon the Bidder's corporate internal experience from working on R&amp;D projects, that it has provided towards, in the following areas (please provide 1-2 paragraph explanation for each area, a to e):</p> <ul style="list-style-type: none"> <li>a. Operational architecture framework analysis at the capability level.</li> <li>b. Management of identified libraries from resulting analyses and / or recommendations.</li> <li>c. The design and performance of executable architectures within their facility (ies) as a method of simulation-based analysis.</li> <li>d. Validation of architecture frameworks with relevant stakeholder audiences.</li> <li>e. Development of capability roadmaps and implementation plans in accordance with Architecture frameworks and Capability-based approach.</li> </ul>	<p>Each specified area (a to e) will be given a score based on the below scoring chart</p> <ul style="list-style-type: none"> <li>1 month - &lt; 12 months = 4 Points</li> <li>12 months - &lt; 24 months = 6 Points</li> <li>24 months - &lt; 36 months = 8 Points</li> <li>36+ months = 10 points</li> </ul>	<p><b>(Max 50 pts)</b></p>
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<p><b>PR5 – Corporate Technology Base in Public Security</b></p>	<p>The bidder should demonstrate it has corporate experience completing at least one project, in the last 48 months from solicitation issuance, in the following 3 areas of Public Safety and Security methodologies :</p> <p>a. Risk assessment;  b. Threat assessment; and  c. Emergency management.</p>	<p>20 points for each area provided (a to c).</p> <p>a. 1 or more Risk assessment project. = 20 points  b. 1 or more Threat assessment project = 20 points  c. 1 or more Emergency management project = 20 points</p>	<p><b>(Max 60 pts)</b></p>	
<p><b>PR6 – Corporate Project Management Methodology</b></p>	<p>The Bidder should describe:</p> <p>a. Its corporate project management methodology.  b. The impact of the Corporate project management methodology on client projects.  c. The relationship between the Corporate project management methodology and the Project Management Body of Knowledge (PMBOK) best practices.</p>	<p>10 points for each specified Area provided (a to c).  (Max Score 30)</p> <p>a. Corporate project management <b>methodology</b> = 10 points  b. Explanation on the <b>impact</b> of the Corporate project management methodology on client projects = 10 points  c. Explanation of the <b>relationship</b> between the Corporate project management methodology and the Project Management Body of Knowledge (PMBOK) best practices = 10 points</p>	<p>Each specified area provided (a to c) will be given a score based on the below scoring.  (Max Points 30)</p> <p>The methodology/impact/relationship is unclear, incomplete or not related to the criteria or insufficient details were provided.= 0 points</p> <p>The methodology/impact/relationship provided is somewhat clear and understandable. Very limited information was provided and missing some elements and relevant details. = 4 Points</p> <p>The methodology/impact/relationship provided is clear and understandable. The information and relevant details provided needs to be further articulated. = 6 points</p> <p>The methodology/impact/relationship provided is clear and understandable. The</p>	<p><b>(Max 60 pts)</b></p>

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			information and relevant details provided is satisfactory. = 8 Points  The methodology/impact/relationship is very clear and comprehensive. Extensive experience demonstrated. = 10 points	
				<b>Max 390 pts</b> <b>Min 234 pts</b>



**Point Rated Technical Criteria - Resources Required with Bid submission**

<b>1.0 Resource Capability – Lead Account Manager</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>1.1</b>	The Lead Account Manager should demonstrate, by providing a certificate or a diploma, the highest level of education they have achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 2 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 4 points</p> <p>Postgrad Degree from a Canadian University or equivalent from a foreign institution = 6 Points</p>	<b>(Max 6 pts)</b>	
<b>1.2</b>	<p>The lead Account Manager should demonstrate that they have experience managing more than ten (10) program portfolio account(s) projects at once.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 2 Points</p> <p>12 to &lt; 24 months experience = 4 Points</p> <p>24 to &lt; 36 months experience = 6 Points</p> <p>36+ months experience =9 Points</p>	<b>(Max 9 pts)</b>	

<b>1.3</b>	<p>The lead Account Manager should demonstrate that they have experience developing work plans, schedules and tasks.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>1.4</b>	<p>The lead Account Manager should demonstrate that they have a Project Management Professional (PMP) certification.</p>	<p>Has not completed recognized training/certification as a Certified professional = 0 points</p> <p>Possesses a Certification as Certified a Professional = 10 points</p>	<b>(Max 10 pts)</b>	
			<b>Max 35 pts</b>	
			<b>Min 21 pts</b>	

<b>2.0 Resource Capability – Back-Up Account Manager</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>2.1</b>	The back-up Account Manager should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 2 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 4 points</p> <p>Postgrad Degree from a Canadian University or equivalent from a foreign institution = 6 Points</p>	<b>(Max 6 pts)</b>	
<b>2.2</b>	<p>The back-up Account Manager should demonstrate that they have experience managing more than ten (10) Program portfolio account(s) projects at once.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 2 Points</p> <p>12 to &lt; 24 months experience = 4 Points</p> <p>24 to &lt; 36 months experience = 6 Points</p> <p>36+ months experience =9 Points</p>	<b>(Max 9 pts)</b>	

<b>2.3</b>	<p>The back-up Account Manager should demonstrate that they have experience developing work plans, schedules and tasks.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>2.4</b>	<p>The back-up Account Manager should demonstrate that they have a Project Management professional (PMP) certification</p>	<p>Has not completed recognized training/certification as a Certified professional = 0 points</p> <p>Possesses a Certification as Certified a Professional = 10 points</p>	<b>(Max 10 pts)</b>	
			<b>Max 35 pts</b>  <b>Min 21 pts</b>	

<b>3.0 Resource Capability – Lead Chief S&amp;T Advisor</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>3.1</b>	The Chief S&T Advisor should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>3.2</b>	<p>The Chief S&amp;T Advisor should demonstrate that they have six months experience working within at least four of the five areas below in the last seven (7) years (please provide 1-2 paragraph explanation for each area):</p> <p>a. Counter-terrorism Chemical or Biological or Radiation Nuclear or Explosives, (CBRNE)</p> <p>b. Critical Physical or</p>	<p>Each specified area provide (choose any 4 from a to e) will be given a score based on the below scoring chart</p> <p>a. 6 months + experience in Counter-terrorism Chemical or Biological or Radiation Nuclear or Explosives, CBRNE) = 10 points</p> <p>b. 6 months + experience in Critical Physical or Digital Infrastructure Protection (CIP) = 10 points</p>	<b>(Max 50 pts) Min 40 pts</b>	

	<p>Digital Infrastructure Protection (CIP)</p> <p>c. Surveillance, Intelligence and Interdiction (SII) Operations</p> <p>d. Emergency Management and Risk Assessment</p> <p>e. Tri Services</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>c. 6 months + experience in Surveillance, Intelligence and Interdiction (SII) Operations = 10 points</p> <p>d. 6 months + experience in Emergency Management and Risk Assessment = 10 points</p> <p>e. 6 months + Tri Services = 10 points</p>		
3.3	<p>The Chief S&amp;T Advisor should demonstrate that they have experience identifying S&amp;T capabilities to minimize gaps that are relevant to PS&amp;S.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience = 10 Points</p>	(Max 10 pts)	
3.4	<p>The Chief S&amp;T Advisor should demonstrate that they have a membership in a related Professional Scientific &amp; Technology Society/Association such as IEEE, HFES, or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement. = 0 points</p> <p>Is a member of a Professional Science &amp; Technology Society/Association = 10 points</p>	(Max 10 pts)	

			<b>Max 80 pts</b>	
			<b>Min 58 pts</b>	
<b>4.0 Resource Capability – Back-up Chief S&amp;T Advisor</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>4.1</b>	The Chief S&T Advisor should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>4.2</b>	The Chief S&T Advisor should demonstrate that they have six months experience working within at least four of the five areas below in the last seven (7) years (please provide 1-2 paragraph explanation for each area):	<p>Each specified area provide (choose any 4 from a to e) will be given a score based on the below scoring chart</p> <p>a. 6 months + experience in -Chemical or Biological or Radiation Nuclear or Explosives, CBRNE) = 10 points</p> <p>b. 6 months + experience in Critical</p>	<b>(Max 50 pts Min 40 pts)</b>	

	<p>a. Chemical or Biological or Radiation Nuclear or Explosives, CBRNE)  b. Critical Physical or Digital Infrastructure Protection (CIP)  c. Surveillance, Intelligence and Interdiction (SII) Operations  d. Emergency Management and Risk Assessment  e. Tri Services</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>Physical or Digital Infrastructure Protection (CIP) = 10 points  c. 6 months + experience in Surveillance, Intelligence and Interdiction (SII) Operations = 10 points  d. 6 months + experience in Emergency Management and Risk Assessment = 10 points  e. 6 months + Tri Services = 10 points</p>		
4.3	<p>The Chief S&amp;T Advisor should demonstrate that they have experience identifying S&amp;T capabilities to minimize gaps that are relevant to PS&amp;S.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points  12 to &lt; 24 months experience = 6 Points  24 to &lt; 36 months experience = 8 Points  36+ months experience =10 Points</p>	(Max 10 pts)	
4.4	<p>The Chief S&amp;T Advisor should demonstrate that they have a membership in a related Professional Scientific &amp; Technology Society/Association such as IEEE, HFES, or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement. = 0 points  Is a member of a Professional Science &amp; Technology Society/Association = 10 points</p>	(Max 10 pts)	



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			<b>Max 80 pts</b>	
			<b>Min 32 pts</b>	
<b>5.0 Resource Capability – Lead Senior Capability Engineering and Architecture SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>5.1</b>	The Senior Capability Engineering and Architecture SME should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

<p><b>5.2</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience applying Capability Engineering concepts at the strategic level within a Canadian defence context within the last 5 years.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>5.3</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience using architecture framework analysis methodologies (such as DoDAF).</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>5.4</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience modifying or extending architecture frameworks for specific project requirements.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	

5.5	The Senior Capability Engineering and Architecture SME should demonstrate that they have a Membership in related Professional S&T Society/Association such as IEEE, INCOSE or IEAD or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 points	<b>(Max 10 pts)</b>	
			<b>Max 50 pts</b>  <b>Min 30 pts</b>	
<b>6.0 Resource Capability – Back-up Senior Capability Engineering and Architecture SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
6.1	The Senior Capability Engineering and Architecture SME should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	No information on education or less than a College degree: 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	

<p><b>6.2</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience applying Capability Engineering concepts at the strategic level within a Canadian defence context within the last 5 years.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>6.3</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience using architecture framework analysis methodologies (such as DoDAF).</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>6.4</b></p>	<p>The Senior Capability Engineering and Architecture SME should demonstrate that they have experience modifying or extending architecture frameworks for specific project requirements.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	

<b>6.5</b>	The Senior Capability Engineering and Architecture SME should demonstrate that they have a Membership in related Professional S&T Society/Association such as IEEE, INCOSE or IEAD or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 points	<b>(Max 10 pts)</b>	
			<b>Max 50 pts</b>  <b>Min 30 pts</b>	
<b>7.0 Resource Capability – Lead Cyber SME in ICS - SCADA</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>7.1</b>	The Cyber SME in ICS - SCADA should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	No information on education or less than a College degree: 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	

<p><b>7.2</b></p>	<p>The Cyber SME in ICS – SCADA should demonstrate that they have a project experience focused on ICS /SCADA requirements development, definition and analysis.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>7.3</b></p>	<p>The Cyber SME in ICS - SCADA should demonstrate that they have experience on projects conducting operational requirements analysis for software or hardware systems.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>7.4</b></p>	<p>The Cyber SME in ICS - SCADA should demonstrate that they have a membership in related Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<p><b>(Max 10 pts)</b></p>	

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			<b>Max 40 pts</b>	
			<b>Min 24 pts</b>	
<b>8.0 Resource Capability – Backup Cyber SME in ICS - SCADA</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>8.1</b>	The Cyber SME in ICS - SCADA should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

<p><b>8.2</b></p>	<p>The Cyber SME in ICS – SCADA should demonstrate that they have a project experience focused on ICS /SCADA requirements development, definition and analysis.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>8.3</b></p>	<p>The Cyber SME in ICS - SCADA should demonstrate that they have experience on projects conducting operational requirements analysis for software or hardware systems.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>8.4</b></p>	<p>The Cyber SME in ICS - SCADA should demonstrate that they have a membership in related Professional S&amp;T Society/Association such as Institute of Electrical and Electronics Engineers (IEEE) or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<p><b>(Max 10 pts)</b></p>	



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			<b>Max 40 pts</b>	
			<b>Min 24 pts</b>	
<b>9.0 Resource Capability – Lead Cyber SME in Capability to ID, Mitigate Neutralize cyber threats at National level</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>9.1</b>	The Cyber SME in the capability to ID, Mitigate Neutralize cyber threats at National level should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

<p><b>9.2</b></p>	<p>The Cyber SME should demonstrate that they have experience creating tangible operational procedures for policies relevant to public safety and security at the national level.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>9.3</b></p>	<p>The Cyber SME should demonstrate that they have experience defining requirements for ID, mitigation and neutralization of cyber threats at National level.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>9.4</b></p>	<p>The Cyber SME in Capability should demonstrate that they have a membership in a related Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<p><b>(Max 10 pts)</b></p>	
			<p><b>Max 40 pts</b></p> <p><b>Min 24 pts</b></p>	

<b>10.0 Resource Capability – Back-up Cyber SME in Capability to ID, Mitigate Neutralize cyber threats at National level</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>10.1</b>	The Cyber SME in the capability to ID, Mitigate Neutralize cyber threats at National level should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>10.2</b>	<p>The Cyber SME should demonstrate that they have experience creating tangible operational procedures for policies relevant to public safety and security at the national level.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	

10.3	<p>The Cyber SME should demonstrate that they have experience defining requirements for ID, mitigation and neutralization of cyber threats at National level.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
10.4	<p>The Cyber SME in Capability should demonstrate that they have a membership in a related Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<b>(Max 10 pts)</b>	
			<b>Max 40 pts</b> <b>Min 24 pts</b>	
<b>11.0 Resource Capability – Lead Advanced Strategist</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
11.1	<p>The Advanced Strategist should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.</p>	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p>	<b>(Max 10 pts)</b>	

		<p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 points</p>		
11.2	<p>The Advanced Strategist should demonstrate that they have Whole of Government (WoG) project experience producing WoG Strategic Advice in Policy.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
11.3	<p>The Advanced Strategist must demonstrate that they have Whole of Government (WoG) project experience producing WoG Strategic Advice in a Program.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	

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<b>11.4</b>	The Advanced Strategist should demonstrate that they have a membership in a Professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 points	<b>(Max 10 pts)</b>	
			<b>Max 40 pts</b> <b>Min 24 pts</b>	

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<b>12.0 Resource Capability – Back-up Advanced Strategist</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>12.1</b>	The Advanced Strategist should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

12.2	<p>The Advanced Strategist should demonstrate that they have Whole of Government (WoG) project experience producing WoG Strategic Advice in Policy.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
12.3	<p>The Advanced Strategist must demonstrate that they have Whole of Government (WoG) project experience producing WoG Strategic Advice in a Program.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
12.4	<p>The Advanced Strategist should demonstrate that they have a membership in a Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<b>(Max 10 pts)</b>	
			<b>Max 40 pts</b>  <b>Min 24 pts</b>	



<b>13.0 Resource Capability – Lead Senior Modeling and Simulation (M&amp;S) Specialist</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>13.1</b>	The Senior M&S Specialist should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	No information on education or less than a College degree: 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
<b>13.2</b>	The Senior M&S Specialist should demonstrate that they have recognized experience in M&S using any tools such as the Crown's toolkit or similar.  *Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	
<b>13.3</b>	The Senior M&S Specialist should demonstrate that they have Web-based M&S (HTTP Protocol) and Distributed	1 to < 12 months experience = 4 Points  12 to < 24 months experience	<b>(Max 10 pts)</b>	

	M&S (DIS protocol or HLA protocol) experience in Defence or Security.  *Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.	= 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points		
13.4	The Senior M&S Specialist should demonstrate that they have a Certified Modelling and Simulation Professional (CMSP) designation or peer recognized equivalent.	Is not a Certified Modelling and Simulation Professional or proposal provides no information on this requirement = 0 points  Is a Certified Modelling and Simulation Professional = 10 points	(Max 10 pts)	
13.5	The Senior M&S Specialist should demonstrate that they have recognized experience in employing Open Standards and Open Architecture.  *Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	(Max 10 pts)	
13.6	The Senior M&S Specialist should demonstrate that they have a membership in an professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 points	(Max 10 pts)	

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			<b>Max 60 pts</b>	
			<b>Min 36 pts</b>	
<b>14.0 Resource Capability – Back-up Senior Modeling and Simulation (M&amp;S) Specialist</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>14.1</b>	The Senior M&S Specialist should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree: 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

<p><b>14.2</b></p>	<p>The Senior M&amp;S Specialist should demonstrate that they have recognized experience in M&amp;S using any tools such as the Crown's toolkit or similar.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<p><b>(Max 10 pts)</b></p>	
<p><b>14.3</b></p>	<p>The Senior M&amp;S Specialist should demonstrate that they have Web-based M&amp;S (HTTP Protocol) and Distributed M&amp;S (DIS protocol or HLA protocol) experience in Defence or Security.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<p><b>(Max 10 pts)</b></p>	

14.4	<p>The Senior M&amp;S Specialist should demonstrate that they have a Certified Modelling and Simulation Professional (CMSP) designation or peer recognized equivalent</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<b>(Max 10 pts)</b>	
14.5	<p>The Senior M&amp;S Specialist should demonstrate that they have recognized experience in employing Open Standards and Open Architecture.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
14.6	<p>The Senior M&amp;S Specialist should demonstrate that they have a membership in an professional S&amp;T Society/Association such as IEEE or similar</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 points</p>	<b>(Max 10 pts)</b>	

			<b>Max 60 pts</b>	
			<b>Min 36 pts</b>	
<b>15.0 Resource Capability – Lead Critical Infrastructure Protection (CIP) SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>15.1</b>	The Critical Infrastructure Protection (CIP) SME should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.	<p>No information on education or less than a College degree= 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>15.2</b>	<p>The Critical Infrastructure Protection (CIP) SME should demonstrate that they have recognized experience in CIP within Public Security, performing risk based analyses, linking threats, hazards, vulnerabilities and thus risks to gaps in capability.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	

15.3	<p>The Critical Infrastructure Protection (CIP) SME should demonstrate that they have experience in CIP related to dependencies and interdependencies in the domain of Public Security.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
			<p><b>Max 30 pts</b></p> <p><b>Min 18 pts</b></p>	
<b>16.0 Resource Capability – Back-up Critical Infrastructure Protection (CIP) SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
16.1	<p>The Critical Infrastructure Protection (CIP) SME should demonstrate, by providing a certificate or a diploma, the highest level of education achieved.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

16.2	<p>The Critical Infrastructure Protection (CIP) SME should demonstrate that they have recognized experience in CIP within Public Security, performing risk based analyses, linking threats, hazards, vulnerabilities and thus risks to gaps in capability.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
16.3	<p>The Critical Infrastructure Protection (CIP) SME should demonstrate that they have experience in CIP related to dependencies and interdependencies in the domain of Public Security.</p> <p>*Please see items 1 through 8 of article 2, Attachment 1, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 30 pts</b> <b>Min 18 pts</b>	



Solicitation No. - N° de l'invitation  
W7714-196635/A  
Client Ref. No. - N° de réf. du client  
W7714-196635

Amd. No. - N° de la modif.  
File No. - N° du dossier  
005sl.W7714-196635

Buyer ID - Id de l'acheteur  
005sl  
CCC No./N° CCC - FMS No./N° VME

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**Total Score**

	Corporate Criteria Score	Resource Criteria Score	Criteria 3.2 and 4.2	Total
Maximum score possible	<b>390</b>	<b>650</b>	<b>100</b>	<b>1140</b>
Minimal score required	<b>234</b>	<b>390</b>	<b>80</b>	<b>704</b>

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## ATTACHMENT 2

### Evaluation Criteria for Secondary Resources Categories

1. Below is the list of **Secondary Resource Categories**. These resources categories are not required with bid-submission but may be required by future Task-authorizations. When required by a task authorization, the contractor must provide the following resources categories.

- 1) Project Manager
- 2) Intermediate Capability Engineering and Architecture SME
- 3) Security Risk Assessment SME
- 4) Chemical Biological Agent SME
- 5) Radionuclear Agent SME
- 6) Explosives SME
- 7) CBRNE Forensics SME
- 8) Intermediate Modeling & Simulation Specialist
- 9) Senior Test & Evaluation Specialist in Trials, Demonstrations and Experimentations
- 10) Intermediate Test & Evaluation Specialist in Trials, Demonstrations and Experimentations
- 11) Border Security SME
- 12) Biometrics SME
- 13) Emergency Management SME
- 14) Communications Interoperability SME
- 15) Wireless Communications and Information Sharing SME
- 16) Data Science SME
- 17) Community Resilience SME
- 18) Radicalization & Extremism SME
- 19) Business Development, Analysis and Transition SME
- 20) Facilitation and Workshop Specialist
- 21) Technical Writer

2. **For Secondary to be considered compliant a proposal must:**

- a. Achieve the required minimum score of 60% for each resource category; and
- b. **The Contractor must propose a Secondary Resource, when required**, that meets the minimum criteria. All proposed resources will be evaluated and their scores utilized in the evaluation of the task authorization (TA). **A resource may only be named once in the TA.**

3. In evaluating resource past performance experience, compliance must be demonstrated through a well written, coherent, brief (if possible), past project description containing the following:

- 1) Name of the project;
- 2) Resource position;
- 3) Contract start date;
- 4) Work completion date;
- 5) Duration of the experience in months;
- 6) Description of the project and other relevant details that document how this experience has been acquired by the Bidder;

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- 7) An explanation why this experience meets the specific criteria of this solicitation; and
  - 8) Client Contact Info, reference, if available. If no reference is available please indicate why.
4. **Process to add a "Resource"**. As a result of a larger than anticipated volume of transactions, it is possible that additional resources will be required in any of the stated categories. The bidder must be able to propose additional resources for the stated categories as required to meet this increased demand. Additional Resources must meet the minimum / mandatory bid evaluation scoring for the Resource Category.

<b>1.0 Resource Capability – Project Manager</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>1.1</b>	The Project Manager should demonstrate, by providing a certificate or diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 2 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 4 points  Postgrad Degree from a Canadian University or equivalent from a foreign institution = 6 Points	<b>(Max 6 pts)</b>	
<b>1.2</b>	The Project Manager should demonstrate that they have Project management experience within past 5 years within large DND/CF projects such as this one or large R&D initiatives such as a DRDC Technology Demonstration Project type or a CRTI Project).  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 2 Points  12 to < 24 months experience = 4 Points  24 to < 36 months experience = 6 Points  36+ months experience =9 Points	<b>(Max 9 pts)</b>	
<b>1.3</b>	The Project Manager should demonstrate that they have a Project Management Professional (PMP) certification.	Has not completed recognized training/certification as a Certified professional = 0 points;  Possesses a Certification as Certified Professional = 10 points	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 25 pts Min 15 pts</b>	

<b>2.0 Resource Capability – Intermediate Capability Engineering and Architecture SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>2.1</b>	The Intermediate Capability Engineering SME should demonstrate, by providing a certificate or diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
<b>2.2</b>	The Intermediate Capability Engineering SME should demonstrate experience applying Capability Engineering concepts within a Canadian defence context.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience = 10 Points	<b>(Max 10 pts)</b>	
<b>2.3</b>	The Intermediate Capability Engineering SME should demonstrate experience using architecture framework analysis methodologies (such as DoDAF).  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience = 10 Points	<b>(Max 10 pts)</b>	

2.4	<p>The Intermediate Capability Engineering SME should demonstrate experience modifying or extending architecture frameworks for specific project requirements.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 40 pts Min 24 pts</b>	
<b>Resource Capability – Security Risk Assessment SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
3.1	<p>The Security Risk Assessment SME should demonstrate, providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

3.2	<p>The Security Risk Assessment SME should demonstrate public security project experience focusing on scenario-based approach to risk assessment.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<b>(Max 10 pts)</b>	
3.3	<p>The Security Risk Assessment SME should demonstrate experience conducting vulnerability assessments and risk prioritization in public security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience  = 4 Points</p> <p>12 to &lt; 24 months experience  = 6 Points</p> <p>24 to &lt; 36 months experience  = 8 Points</p> <p>36+ months experience  =10 Points</p>	<b>(Max 10 pts)</b>	
3.4	<p>The Security Risk Assessment SME should demonstrate Membership in related Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 40 pts Min 24 pts</b>	

<b>4.0 Resource Capability – Chemical / Biological (CB) Agent SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>4.1</b>	The CB Agent SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>4.2</b>	<p>The CB Agent SME should demonstrate that they have defence or security project experience, applying Chemical nerve agents (Sarin, mustard gas, etc.) or Biological agents (Botulinum Toxin, Anthrax, Ebola virus, Ricin, etc.) S&amp;T in analysis and experimentation capacity.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>4.3</b>	The CB Agent SME should demonstrate that they have received accredited CBRN or CBRNE training or have given CBRNE training or have been Certified as CBRN Professionals	<p>If they have received accredited CBRN = 2 points</p> <p>If they have received CBRNE training = 2 points</p> <p>If they have given CBRNE training = 2 points</p> <p>If they have been Certified as a CBRN Professionals = 4 points</p>	<b>(Max points 10)</b>	



4.4	The CB Agent SME should demonstrate that they have a membership in a Professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 Points	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max points 40 Min Points 24</b>	

**5.0 Resource Capability – RadioNuclear (RN) Agent SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
5.1	The RN Agent SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
5.2	The RN Agent SME should demonstrate that they have defence or security project experience applying RN S&T in analysis and experimentation.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	

5.3	The RN Agent SME should demonstrate that they have received accredited CBRN or CBRNE training; or, have given CBRNE training; or, have been Certified as CBRN Professional.	<p>If they have received accredited CBRN = 2 points</p> <p>If they have received CBRNE training = 2 points</p> <p>If they have given CBRNE training = 2 points</p> <p>If they have been Certified as CBRN Professionals = 4 points</p>	<b>(Max 10 pts)</b>	
5.4	The RN Agent SME must demonstrate that they have a Membership in an Professional S&T Society/Association such as IEEE or similar.	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max points 40 Min points 24</b>	

**6.0 Resource Capability – Explosives SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
6.1	The Explosives SME should demonstrate, by providing a certificate or diploma, that they have an education diploma from a recognized institution.	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
6.2	The Explosives SME should demonstrate that they have defence or security project experience applying	1 to < 12 months experience = 4 Points	<b>(Max 10 pts)</b>	

	Explosives S&T in a analysis capacity and experimentation capacity.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points		
6.3	The Explosives SME should demonstrate that they have received accredited Explosives training; or, have given explosives training; or, have been Certified as CBRNE Professional.	If they have received accredited Explosives training = 3 points  If they have given explosives training = 3 points  If they have been Certified as CBRNE Professional = 4 points	(Max 10 pts)	
6.4	The Explosives SME should demonstrate that they have a Membership in a Professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 points	(Max 10 pts)	
		<b>Total</b>	<b>Max points 40 Min points 24</b>	

**7.0 Resource Capability – CBRNE Forensics SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
7.1	The CBRNE Forensic SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	Less than a College degree or proposal provides no information on education = 0 point  College Degree from a Canadian College or equivalent from a foreign institution = 6 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 8 points  Post Graduate Degree from a Canadian University or equivalent from a foreign institution = 10 Points	(Max 10 pts)	

7.2	<p>The CBRNE Forensic SME should demonstrate that they have defence or security project experience applying Forensic and experimentation capacity.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
7.3	<p>The CBRNE Forensic SME should demonstrate that they have received accredited Forensic training; or, have given forensic training; or, have been Certified as CBRNE Professional.</p>	<p>If they have received accredited Forensic training = 3 points</p> <p>If they have given forensic training = 3 points</p> <p>If they have been Certified as CBRNE Professional = 4 points</p>	<b>(Max 10 pts)</b>	
7.4	<p>The CBRNE Forensic SME should demonstrate that they have a Membership in a Professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max points 40 Min points 24</b>	

**8.0 Resource Capability – Intermediate Modeling and Simulation Specialist**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
8.1	<p>The Intermediate M&amp;S Specialist should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p>	<b>(Max 10 pts)</b>	

		<p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>		
8.2	<p>The Intermediate M&amp;S Specialist should demonstrate that they have recognized experience in M&amp;S using tools such as the Crown's toolkit or similar.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
8.3	<p>The Intermediate M&amp;S Specialist should demonstrate that they have Web based M&amp;S (HTTP Protocol) and Distributed M&amp;S (DIS protocol or HLA protocol) experience in Defence or Security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
8.4	<p>The Intermediate M&amp;S Specialist should demonstrate that they have experience employing Open Standards and Open Architecture.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
		<b>Total</b>	<b>Max 40 pts Min 24 pts</b>	

**9.0 Resource Capability – Senior Test and Evaluation Specialist in Trials, Demonstrations and Experimentations**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>9.1</b>	The Senior T&E Specialist in Trials, Demonstrations and Experimentations should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
<b>9.2</b>	The Senior T&E Specialist in Trials, Demonstrations and Experimentations should demonstrate that they have T&E project experience.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	
<b>9.3</b>	The Senior T&E Specialist in Trials, Demonstrations and Experimentations should demonstrate that they have experience in developing and executing and reporting on defence or security related trials, demonstration, and experimentation at the subsystem, system or capability level.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	

9.4	<p>The Senior T&amp;E Specialist in Trials, Demonstrations and Experimentations should demonstrate that they have experience applying Measures of Performance and Measures of Effectiveness.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
9.5	<p>The Senior T&amp;E Specialist in Trials, Demonstrations and Experimentations should demonstrate that they have a membership in a professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement. = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 50 pts Min 30 pts</b>	

**10.0 Resource Capability – Intermediate Test and Evaluation Specialist in Trials, Demonstrations and Experimentations**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
10.1	<p>The Intermediate T&amp;E Specialist in Trials, Demonstrations and Experimentations should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution =8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	

10.2	<p>The Intermediate T&amp;E Specialist in Trials, Demonstrations and Experimentations should demonstrate that they have T&amp;E project experience.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
10.3	<p>The Intermediate T&amp;E S Specialist ME in Trials Demonstrations and Experimentations should demonstrate that they have experience in developing and executing and reporting on defence or security related Trials, Demonstration, and Experimentation at the subsystem, system or capability level.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 30 pts Min 18 pts</b>	

**11.0 Resource Capability – Border Security SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
11.1	<p>The Border Security SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	



11.2	<p>The Border Security SME should demonstrate that they have defence or security project experience applying Border Security S&amp;T in analysis and experimentation capacity.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
11.3	<p>The Border Security SME should demonstrate that they have defence or security project experience applying an Intelligence-Based approach to Border Security &amp; Interdiction analyses or experiments.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 30 pts Min 18 pts</b>	

<b>12.0 Resource Capability – Biometrics SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>12.1</b>	The Biometrics SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>12.2</b>	<p>The Biometrics SME should demonstrate that they have experience working with a multiple biometric technologies and the use of these S&amp;T capabilities to augment existing recognition and authentication capabilities that are relevant to public safety and security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>12.3</b>	<p>The Biometrics SME should demonstrate that they have experience in applying biometrics to support policy related to public safety and security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	

			Max 30 pts Min 18 pts	
13.0 Resource Capability – Emergency Management (EM) SME				
	RATED Evaluation Criteria	Evaluation Methodology A	Score	Location in proposal / Comments
13.1	The Emergency Management (EM) SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	(Max 10 pts)	
13.2	The Emergency Management (EM) SME should demonstrate that they have recognized experience in EM Technologies or in Canadian Emergency Ops Center (EOC).  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	(Max 10 pts)	
13.3	The Emergency Management (EM) SME should demonstrate that they have experience, in the civil EM domain, bridging the gap between policy and strategy for Emergency Response for multi-agency scenarios.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	(Max 10 pts)	

13.4	The Emergency Management (EM) SME should demonstrate that they have a membership in a professional S&T Society/Association such as IEEE or similar	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement. = 0 points  Is a member of Professional Science & Technology Society/Association = 10 Points	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 40 pts Min 24 pts</b>	

**14.0 Resource Capability – Communications Interoperability SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
14.1	The Communications Interoperability SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
14.2	The Communications Interoperability SME should demonstrate that they have experience in the policy and operational issues related to facilitating interoperability within the communications domain.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	

14.3	<p>The Communications Interoperability SME should demonstrate that they have experience in the domain which bridged the communications gap between various operational communities through defining the requirements for interoperable communications.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 30 pts Min 18 pts</b>	
<b>15.0 Resource Capability – Wireless Communications and Information Sharing SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
15.1	<p>The Wireless Communications and Information Sharing SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
15.2	<p>The Wireless Communications and Information Sharing SME should demonstrate that they have recognized experience in an intellectual leadership role, capable of assessing business opportunities and assessing/developing strategies for innovative technologies.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	

15.3	<p>The Wireless Communications and Information Sharing SME should demonstrate that they have recognized experience in the research, assessment and development of market opportunity analyses and market size analyses for innovative technologies considered for exploitation by clients and considered for commercialization.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
15.4	<p>The Wireless Communications and Information Sharing SME should demonstrate that they have recognized experience actually transitioning to clients and commercialized new innovative technologies in Public Safety and Security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
15.5	<p>The Wireless Communications and Information Sharing SME should demonstrate that they have a membership in a professional S&amp;T Society/Association such as IEEE or similar</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 50 pts Min 30 pts</b>	
<b>16.0 Resource Capability – Data Science SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
16.1	<p>The Data Science SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>No information on education or less than a College degree = 0 points</p> <p>College Degree from a Canadian College or equivalent from a foreign institution = 4 Points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign</p>	<b>(Max 10 pts)</b>	

		<p>institution = 6 points</p> <p>Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points</p> <p>Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points</p>		
16.2	<p>The Data Science SME should demonstrate that they have recognized experience in an intellectual leadership role, capable of assessing business opportunities and assessing/developing strategies for innovative technologies.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
16.3	<p>The Data Science SME should demonstrate that they have recognized experience in the research, assessment and development of market opportunity analyses and market size analyses for innovative technologies considered for exploitation by clients and considered for commercialization.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
16.4	<p>The Data Science SME should demonstrate that they have recognized experience actually transitioning to clients and commercialized new innovative technologies in Public Safety and Security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	(Max 10 pts)	
16.5	<p>The Senior Data Science SME should demonstrate that they have</p>	<p>Is not a member of a Professional Science &amp; Technology</p>	(Max 10 pts)	

	a membership in a professional S&T Society/Association such as IEEE or similar	Society/Association or proposal provides no information on this requirement = 0 points  Is a member of Professional Science & Technology Society/Association = 10 Points		
			<b>Max 50 pts</b> <b>Min 30 pts</b>	
<b>17.0 Resource Capability – Community Resilience SME</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>17.1</b>	The Community Resilience SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
<b>17.2</b>	The Community Resilience SME should demonstrate that they have project experience applying Community Resilience S&T in analysis and experimentation capacity.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	



17.3	The Community Resilience SME should demonstrate that they have a membership in a professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement. = 0 points  Is a member of Professional Science & Technology Society/Association = 10 Points	<b>(Max 10 pts)</b>	
			<b>Max 30 pts Min 18 pts</b>	

**18.0 Resource Capability – Radicalization and Extremism SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
18.1	The Radicalization and Extremism SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 6 points  Master's Degree from a Canadian University or equivalent from a foreign institution = 8 Points  Ph.D. from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
18.2	The Radicalization and Extremism SME should demonstrate that they have project experience applying Radicalization and Extremism S&T in an analysis capacity and experimentation capacity.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	

<b>18.3</b>	The Radicalization and Extremism SME should demonstrate that they have a membership in a professional S&T Society/Association such as IEEE or similar.	Is not a member of a Professional Science & Technology Society/Association or proposal provides no information on this requirement. = 0 points  Is a member of Professional Science & Technology Society/Association = 10 Points	<b>(Max 10 pts)</b>	
		<b>Total</b>	<b>Max 30 pts Min 18 pts</b>	

**19.0 Resource Capability –Business Development, Analysis and Transition SME**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>		<b>Location in proposal / Comments</b>
<b>19.1</b>	The Business Development, Analysis and Transition SME should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.	No information on education or less than a College degree = 0 points  College Degree from a Canadian College or equivalent from a foreign institution = 4 Points  Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 8 points  Postgrad Degree from a Canadian University or equivalent from a foreign institution = 10 Points	<b>(Max 10 pts)</b>	
<b>19.2</b>	The Business Development, Analysis and Transition SME should demonstrate that they have recognized experience in an intellectual leadership role, capable of assessing business opportunities and assessing/developing strategies for innovative technologies.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	1 to < 12 months experience = 4 Points  12 to < 24 months experience = 6 Points  24 to < 36 months experience = 8 Points  36+ months experience =10 Points	<b>(Max 10 pts)</b>	

<b>19.3</b>	<p>The Business Development, Analysis and Transition SME should demonstrate that they have recognized experience in the research, assessment and development of market opportunity analyses and market size analyses for innovative technologies considered for exploitation by clients and considered for commercialization.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>19.4</b>	<p>The Business Development, Analysis and Transition SME should demonstrate that they have recognized experience actually transitioning to clients and commercialized new innovative technologies in Public Safety and Security.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 12 months experience = 4 Points</p> <p>12 to &lt; 24 months experience = 6 Points</p> <p>24 to &lt; 36 months experience = 8 Points</p> <p>36+ months experience =10 Points</p>	<b>(Max 10 pts)</b>	
<b>19.5</b>	<p>The Business Development, Analysis and Transition SME should demonstrate that they have a membership in a professional S&amp;T Society/Association such as IEEE or similar.</p>	<p>Is not a member of a Professional Science &amp; Technology Society/Association or proposal provides no information on this requirement = 0 points</p> <p>Is a member of Professional Science &amp; Technology Society/Association = 10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 50 pts Min 30 pts</b>	

**20.0 Resource Capability – Facilitation and Workshop Specialist**

	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology A</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
<b>20.1</b>	The Facilitation and Workshop Specialist should demonstrate, by providing a certificate or a diploma, that they have an Education diploma from a recognized institution.	<p>Less than high school or proposal provides no information on education  = 0 points</p> <p>High School Graduate diploma from a Canadian High School or equivalent from a foreign institution  = 4 points</p> <p>College Degree from Canadian Collage or equivalent from a foreign institution  = 6 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution  = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>20.2</b>	The Facilitation and Workshop Specialist should demonstrate experience in facilitation of meetings and workshops.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	<p>1 to &lt; 6 months experience  = 4 Points</p> <p>6 to &lt; 12 months experience  = 6 Points</p> <p>12 to &lt; 18 months experience  = 8 Points</p> <p>18+ months experience  = 10 Points</p>	<b>(Max 10 pts)</b>	
<b>20.3</b>	The Facilitation and Workshop Specialist should demonstrate experience in launching meeting and workshops by organizing all participants, written material, and equipment.  *Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.	<p>1 to &lt; 6 months experience  = 4 Points</p> <p>6 to &lt; 12 months experience  = 6 Points</p> <p>12 to &lt; 18 months experience  = 8 Points</p> <p>18+ months experience  = 10 Points</p>	<b>(Max 10 pts)</b>	

20.4	<p>The Facilitation and Workshop Specialist should have demonstrated facilitation experience employing a "Decision Support System" or a "Collaborative Work Environment".</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 6 months experience = 4 Points</p> <p>6 to &lt; 12 months experience = 6 Points</p> <p>12 to &lt; 18 months experience = 8 Points</p> <p>18+ months experience = 10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 40 pts Min 24 pts</b>	
<b>21.0 Resource Capability – Technical Writer</b>				
	<b>RATED Evaluation Criteria</b>	<b>Evaluation Methodology</b>	<b>Score</b>	<b>Location in proposal / Comments</b>
21.1	<p>The Technical Writer should demonstrate, by providing a certificate or a diploma, that they have an education diploma from a recognized institution.</p>	<p>Less than high school or proposal provides no information on education = 0 points</p> <p>High School Graduate diploma from a Canadian High School or equivalent from a foreign institution = 4 points</p> <p>College Degree from Canadian Collage or equivalent from a foreign institution = 6 points</p> <p>Bachelor's Degree from a Canadian University or equivalent from a foreign institution = 10 Points</p>	<b>(Max 10 pts)</b>	
21.2	<p>The Technical Writer should demonstrate that they have experience in writing technical documents in the Defence or in Public Security Environments.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 6 months experience = 4 Points</p> <p>6 to &lt; 12 months experience = 6 Points</p> <p>12 to &lt; 18 months experience = 8 Points</p> <p>18+ months experience = 10 Points</p>	<b>(Max 10 pts)</b>	

21.3	<p>The Technical Writer should demonstrate that they have experience in writing technical documents, and integrating information from multiple subject matter experts from multiple source documents, in a science and technology environment.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 6 months experience = 4 Points</p> <p>6 to &lt; 12 months experience = 6 Points</p> <p>12 to &lt; 18 months experience = 8 Points</p> <p>18+ months experience = 10 Points</p>	<b>(Max 10 pts)</b>	
21.4	<p>The Technical Writer should demonstrate that they have experience in writing technical documents directly from a brainstorm session, from scratch, with some or little documentation.</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 6 months experience = 4 Points</p> <p>6 to &lt; 12 months experience = 6 Points</p> <p>12 to &lt; 18 months experience = 8 Points</p> <p>18+ months experience = 10 Points</p>	<b>(Max 10 pts)</b>	
21.5	<p>The Technical Writer should demonstrate that they have experience employing a "Decision Support System" and/or a collaborative work environment".</p> <p>*Please see items 1 through 8 of article 3, Attachment 2, on how the criteria must be demonstrated.</p>	<p>1 to &lt; 6 months experience = 4 Points</p> <p>6 to &lt; 12 months experience = 6 Points</p> <p>12 to &lt; 18 months experience = 8 Points</p> <p>18+ months experience = 10 Points</p>	<b>(Max 10 pts)</b>	
			<b>Max 50 pts Min 30 pts</b>	

**ANNEX B  
BASIS OF PAYMENT**

**1. LABOUR:** at the following firm rates

Category Number	Labour Category	Firm Hourly Rate Contract Year 1	Firm Hourly Rate Contract Year 2	Firm Hourly Rate Option Period 1 Year 3	Firm Hourly Rate Option Period 2 Year 4	Firm Hourly Rate Option Period 3 Year 5
1	Account Manager	\$	\$	\$	\$	\$
2	Chief S&T Advisor	\$	\$	\$	\$	\$
3	Senior Capability Engineering and Architecture SME	\$	\$	\$	\$	\$
4	Cyber SME in ICS and SCADA	\$	\$	\$	\$	\$
5	Senior Cyber SME in Capability to ID Mitigate Neutralize cyber threats	\$	\$	\$	\$	\$
6	Advanced Strategist	\$	\$	\$	\$	\$
7	Senior Modelling & Simulation Specialist	\$	\$	\$	\$	\$
8	Critical Infrastructure Protection (CIP) SME	\$	\$	\$	\$	\$
9	Project Manager	\$	\$	\$	\$	\$
10	Intermediate Capability Engineering and Architecture SME	\$	\$	\$	\$	\$
11	Security Risk Assessment SME	\$	\$	\$	\$	\$
12	Chemical Biological Agent SME	\$	\$	\$	\$	\$

13	Radionuclear Agent SME	\$	\$	\$	\$	\$
14	Explosives SME	\$	\$	\$	\$	\$
15	CBRNE Forensics SME	\$	\$	\$	\$	\$
16	Intermediate Modeling & Simulation SME	\$	\$	\$	\$	\$
17	Senior Test & Evaluation SME in Trials, Demonstrations and Experimentations	\$	\$	\$	\$	\$
18	Intermediate Test & Evaluation SME in Trials, Demonstrations and Experimentations	\$	\$	\$	\$	\$
19	Border Security SME	\$	\$	\$	\$	\$
20	Biometrics SME	\$	\$	\$	\$	\$
21	Emergency Management SME	\$	\$	\$	\$	\$
22	Communications Interoperability SME	\$	\$	\$	\$	\$
23	Wireless Communications and Information Sharing SME	\$	\$	\$	\$	\$
24	Data Science SME	\$	\$	\$	\$	\$
25	Community Resilience SME	\$	\$	\$	\$	\$
26	Radicalization & Extremism SME	\$	\$	\$	\$	\$



27	Business Development, Analysis and Transition SME	\$	\$	\$	\$	\$
28	Facilitation and Workshop Specialist	\$	\$	\$	\$	\$
29	Technical Writer	\$	\$	\$	\$	\$

**Est.: \$**

**2. EQUIPMENT:** at laid down cost without markup **Est.: \$ TBD in each TA**

**3. MATERIALS AND SUPPLIES:** at laid down cost without markup **Est.: \$ TBD in each TA**

**4. TRAVEL AND LIVING EXPENSES:**

(a) Canada will not accept any travel and living expenses incurred by the Contractor in the performance of the Work, for:

(i) services provided within the National Capital Region (NCR). The National Capital Region (NCR) is defined in the *National Capital Act*, R.S.C. 1985, c.N-4, S.2. The *National Capital Act* is available on the Justice Website: <http://laws.justice.gc.ca/eng/N-4/20100210/> and

(ii) any travel between the Contractor's place of business and the NCR.

(b) For services to be provided outside the NCR, the Contractor will be reimbursed its authorized travel and living expenses reasonably and properly incurred in the performance of the Work, at cost, without any allowance for profit and/or administrative overhead, in accordance with the meal, private vehicle and incidental expenses provided in Appendices B, C and D of the Treasury Board Travel Directive (<http://www.njc-cnm.gc.ca/directive/travel-voyage/s-td-dv-a3-eng.php>), and with the other provisions of the directive referring to "travellers", rather than those referring to "employees".

(c) Canada will not accept any travel and living expenses incurred by the Contractor as a consequence of any relocation of personnel required to satisfy the terms of this Contract.

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

**Est.: \$ TBD in each TA**

Solicitation No. - N° de l'invitation

W7714-196635/A

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

W7714-196635

Amd. No. - N° de la modif.

File No. - N° du dossier

005sl.W7714-196635

Buyer ID - Id de l'acheteur

005sl

CCC No./N° CCC - FMS No./N° VME

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**Total Estimated Amount to a Limitation of Expenditure: Refer to Article 7.2 Limitation of Expenditure - Cumulative Total of all Task Authorizations of the Contract's terms and conditions.**

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

Solicitation No. - N° de l'invitation

W7714-196635/A

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

W7714-196635

Amd. No. - N° de la modif.

File No. - N° du dossier

005sl.W7714-196635

Buyer ID - Id de l'acheteur

005sl

CCC No./N° CCC - FMS No./N° VME

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**ANNEX C**  
**SECURITY REQUIREMENTS CHECK LIST**



Contract Number / Numéro du contrat W7714-196635
Security Classification / Classification de sécurité

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

<b>PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE</b>		
1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine National Defence	2. Branch or Directorate / Direction générale ou Direction DKTCS	
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 A contract is required on an "as and when requested" basis, for agile and competent Science and Technology (S&T) capabilities accessible to the broader activities harmonized in the Canadian Safety and Security Program (CSSP), and others as appropriate.		
5. a) Will the supplier require access to Controlled Goods? Le fournisseur aura-t-il accès à des marchandises contrôlées?	<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations? Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
5. Indicate the type of access required / Indiquer le type d'accès requis		
6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets? Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c) (Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c)	<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui	
6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? 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.	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
6. c) Is this a commercial courier or delivery requirement with no overnight storage? S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit?	<input checked="" type="checkbox"/> No / Non <input type="checkbox"/> Yes / Oui	
7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès		
Canada <input checked="" type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	
Foreign / Étranger <input type="checkbox"/>		
7. b) Release restrictions / Restrictions relatives à la diffusion		
No release restrictions / Aucune restriction relative à la diffusion <input checked="" type="checkbox"/>	All NATO countries / Tous les pays de l'OTAN <input type="checkbox"/>	
Not releasable / À ne pas diffuser <input type="checkbox"/>		
Restricted to: / Limité à: <input type="checkbox"/>	Restricted to: / Limité à: <input type="checkbox"/>	
Specify country(ies): / Préciser le(s) pays:	Specify country(ies): / Préciser le(s) pays:	
7. c) Level of information / Niveau d'information		
PROTECTED A / PROTÉGÉ A <input checked="" type="checkbox"/>	NATO UNCLASSIFIED / NATO NON CLASSIFIÉ <input type="checkbox"/>	PROTECTED A / PROTÉGÉ A <input type="checkbox"/>
PROTECTED B / PROTÉGÉ B <input checked="" type="checkbox"/>	NATO RESTRICTED / NATO DIFFUSION RESTREINTE <input type="checkbox"/>	PROTECTED B / PROTÉGÉ B <input type="checkbox"/>
PROTECTED C / PROTÉGÉ C <input type="checkbox"/>	NATO CONFIDENTIAL / NATO CONFIDENTIEL <input type="checkbox"/>	PROTECTED C / PROTÉGÉ C <input type="checkbox"/>
CONFIDENTIAL / CONFIDENTIEL <input checked="" type="checkbox"/>	NATO SECRET / NATO SECRET <input type="checkbox"/>	CONFIDENTIAL / CONFIDENTIEL <input type="checkbox"/>
SECRET / SECRET <input checked="" type="checkbox"/>	COSMIC TOP SECRET / COSMIC TRÈS SECRET <input type="checkbox"/>	SECRET / SECRET <input type="checkbox"/>
TOP SECRET / TRÈS SECRET <input type="checkbox"/>		TOP SECRET / TRÈS SECRET <input type="checkbox"/>
TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>		TOP SECRET (SIGINT) / TRÈS SECRET (SIGINT) <input type="checkbox"/>

SM



**PART A (continued) / PARTIE A (suite)**

8. Will the supplier require access to PROTECTED and/or CLASSIFIED COMSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens COMSEC désignés PROTÉGÉS et/ou CLASSIFIÉS?  No / Non  Yes / Oui

If Yes, indicate the level of sensitivity:  
Dans l'affirmative, indiquer le niveau de sensibilité :

9. Will the supplier require access to extremely sensitive INFOSEC information or assets?  
Le fournisseur aura-t-il accès à des renseignements ou à des biens INFOSEC de nature extrêmement délicate?  No / Non  Yes / Oui

Short Title(s) of material / Titre(s) abrégé(s) du matériel :  
Document Number / Numéro du document :

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

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

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

Special comments:  
Commentaires spéciaux :

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

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

If Yes, will unscreened personnel be escorted?  
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



Contract Number / Numéro du contrat W7714-196635
Security Classification / Classification de sécurité

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

For users completing the form manually use the summary chart below to indicate the category(les) and level(s) of safeguarding required at the supplier's site(s) or premises.  
Les utilisateurs qui remplissent le formulaire manuellement doivent utiliser le tableau récapitulatif ci-dessous pour indiquer, pour chaque catégorie, les niveaux de sauvegarde requis aux installations du fournisseur.

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

**SUMMARY CHART / TABLEAU RÉCAPITULATIF**

Category / Catégorie	PROTECTED / PROTÉGÉ			CLASSIFIED / CLASSIFIÉ			NATO				COMSEC						
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET / COSMIC TRÈS SECRET	PROTECTED / PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET	
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTREINTE	NATO CONFIDENTIEL			A	B	C	CONFIDENTIEL		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, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

12. b) Will the documentation attached to this SRCL be PROTECTED and/or CLASSIFIED?  
La documentation associée à la présente LVERS sera-t-elle PROTÉGÉE et/ou CLASSIFIÉE?  No / Non  Yes / Oui

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



Contract Number / Numéro du contrat W7714-196635
Security Classification / Classification de sécurité

PART D - AUTHORIZATION / PARTIE D - AUTORISATION			
<b>13. Organization Project Authority / Chargé de projet de l'organisme</b>			
Name (print) - Nom (en lettres mouillées)	Title - Titre	Signature	
Neil Ellerington	Manager Support to Operations		
Telephone No. - N° de téléphone 613-901-1817	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel neil.ellerington@forces.gc.ca	Date May 15, 2018
<b>14. Organization Security Authority / Responsable de la sécurité de l'organisme</b>			
Name (print) - Nom (en lettres mouillées)	Title - Titre	Signature	
Sasa Medjovic	DBSO - Industrial Security Senior Security Analyst Tel: 613-996-0286		
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel E-mail: sasa.medjovic@forces.gc.ca	Date 2018 May 21
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?			<input type="checkbox"/> No / Non <input checked="" type="checkbox"/> Yes / Oui
<b>16. Procurement Officer / Agent d'approvisionnement</b>			
Name (print) - Nom (en lettres mouillées)	Title - Titre	Signature	
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel	Date
<b>17. Contracting Security Authority / Autorité contractante en matière de sécurité</b>			
<div style="border: 1px solid blue; padding: 5px;">           Lyndsay Clark            Contract Security Officer  <a href="mailto:Lyndsay.clark@tpsgc-pwgsc.gc.ca">Lyndsay.clark@tpsgc-pwgsc.gc.ca</a>            613-957-9388         </div>	Title - Titre	Signature	
		E-mail address - Adresse courriel	Date

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W7714-196635

Amd. No. - N° de la modif.

File No. - N° du dossier

005sl.W7714-196635

Buyer ID - Id de l'acheteur

005sl

CCC No./N° CCC - FMS No./N° VME

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**ANNEX D**  
**ELECTRONIC PAYMENT INSTRUMENTS**

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

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



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**ANNEX E**  
**FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY – CERTIFICATION**

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

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

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

Complete both A and B.

A. Check only one of the following:

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

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

- A5.1. The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity](#) (AIEE) in place with ESDC-Labour.

**OR**

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

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B. Check only one of the following:

( ) B1. The Bidder is not a Joint Venture.

**OR**

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

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**ANNEX F**  
**DND 626 TASK AUTHORIZATION FORM**

See attachment to the solicitation.