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**SOLICITATION AMENDMENT  
MODIFICATION DE L'INVITATION**

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

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

**Comments - Commentaires**

**Vendor/Firm Name and Address**

Raison sociale et adresse du  
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**Issuing Office - Bureau de distribution**

Informatics Professional Services Division/Division des  
services professionnels en informatique

Terrasses de la Chaudière 4th Floor

10 Wellington Street

Gatineau

Quebec

K1A0S5

<b>Title - Sujet</b> AFCCIS - Professional Services	
<b>Solicitation No. - N° de l'invitation</b> W8485-205588/A	<b>Amendment No. - N° modif.</b> 005
<b>Client Reference No. - N° de référence du client</b> W8485-205588	<b>Date</b> 2021-07-20
<b>GETS Reference No. - N° de référence de SEAG</b> PW-\$IPS-004-39627	
<b>File No. - N° de dossier</b> 004ips.W8485-205588	<b>CCC No./N° CCC - FMS No./N° VME</b>
<b>Solicitation Closes - L'invitation prend fin</b> <b>at - à 02:00 PM</b> Eastern Daylight Saving Time EDT <b>on - le 2021-07-22</b> Heure Avancée de l'Est HAE	
<b>F.O.B. - F.A.B.</b> Specified Herein - Précisé dans les présentes <b>Plant-Usine:</b> <input type="checkbox"/> <b>Destination:</b> <input type="checkbox"/> <b>Other-Autre:</b> <input checked="" type="checkbox"/>	
<b>Address Enquiries to: - Adresser toutes questions à:</b> Patel, Ankoor	<b>Buyer Id - Id de l'acheteur</b> 004ips
<b>Telephone No. - N° de téléphone</b> (613) 858-9403 ( )	<b>FAX No. - N° de FAX</b> ( ) -
<b>Destination - of Goods, Services, and Construction:</b> <b>Destination - des biens, services et construction:</b>	

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<b>Signature</b>	<b>Date</b>

<b>Solicitation No. – N° de l'invitation</b> W8485-205588/A	<b>Amd. No – N° de la modif.</b> 005	<b>Buyer ID – Id de l'acheteur</b> 004ips
<b>Client Ref. No. – N° de réf. De client</b> W8485-205588	<b>File No. – N° du dossier</b> 004ips W8485-205588	<b>CCC No./ N° CCC – FMS No/ N° VME</b>

## AMENDMENT NO. 005

This amendment is raised to revise the RFP.

### RFP REVISIONS:

1. Update evaluation criteria M-30 Project Coordinator, Level 3. Please see updated Attachment 4.1 Mandatory Technical Criteria – Workstream 1 and please see attached updated
2. Update evaluation criteria M-36 Project Coordinator, Level 3. Please see updated Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.
3. Update evaluation criteria R-34 for Quality Analyst/Specialist, Level 3. Please see updated Attachment 4.2 Point-Rated Technical Criteria – Workstream 1.
4. Update evaluation criteria R-41 for Quality Analyst/Specialist, Level 3. Please see updated Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.
5. Update evaluation criteria R-35 for Quality Analyst/Specialist, Level 2. Please see updated Attachment 4.2 Point-Rated Technical Criteria – Workstream 1.
6. Update evaluation criteria R-42 for Quality Analyst/Specialist, Level 2. Please see updated Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.

### QUESTION AND ANSWERS:

#### Question 12:

#### RE: Workstream 1, Project Coordinator, Level 3, M-30:

“The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years’ combined experience working as a Project Coordinator or In-Service Support Manager in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria OR must be in possession of a PMP certification and have a minimum of ten (10) years combined management experience on projects in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria”

The first Mandatory Requirement across all grids provides an option that allows for years of experience to be considered equivalent to the combination of education and years of experience. The M-30 requirement does not allow for this same combination of education/certification and years of experience as an equivalent to formal education/certification and this unfairly discriminates against high-level candidates with relevant years of experience. We respectfully request that the M-30 requirement be amended to state:

“The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years’ combined experience as a Project Coordinator or In-Service Support Manager in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria

OR must be in possession of a PMP certification with a minimum of eight (8) years’ combined management experience on projects in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria

OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Project Coordinator or In-Service Support Manager in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria.”

#### Answer 12:

In regards to Workstream 1, Project Coordinator, Level 3, M-30, Canada will amend to state:

“The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years’ combined experience as a Project Coordinator or In-Service Support Manager in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria

OR must be in possession of a PMP certification with a minimum of eight (8) years’ combined management experience on projects in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria

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<b>Client Ref. No. – N° de réf. De client</b> W8485-205588	<b>File No. – N° du dossier</b> 004ips W8485-205588	<b>CCC No./ N° CCC – FMS No/ N° VME</b>

OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Project Coordinator or In-Service Support Manager in an IM/IT \*similar environment as defined in 1.0 Evaluation Criteria.”

Please see attached updated Project Coordinator, Level 3, M-30 in Attachment 4.1 Mandatory Technical Criteria – Workstream 1 and please see attached updated Project Coordinator, Level 3, M-36 in Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.

**Question 13:**

**RE: Workstream 2 - R-10, Programmer/Software Developer**

As written, it is unclear how many of the listed Air Force software resources need experience with to score points. As there are a number of qualified individuals whose work focuses on designing, developing, and maintaining one or two of these applications, and very few who work on the entire suite, please confirm that to score full points, resources need 6+ years of experience in **one or more** of the listed software.

**Answer 13:**

If the resource has experience with at least one of the Air Force Specialized Software, it is sufficient.

**Question 14:**

**RE: Workstream 2 - R-10, Programmer/Software Developer**

Please confirm that NATO Tactical Data Link (TDL) software will be considered equivalent to “Air Force Specialized Software” and accepted for R-10. TDL is used extensively by the RCAF and aboard Halifax Class Frigates, and runs on C2IS infrastructure.

**Answer 14:**

Yes, we will consider TDL as an Air Force Specialized Software

**Question 15:**

**RE: Workstream 1, Quality Assurance Analyst/Specialist, Level 3, R-34:**

“The proposed Resource should demonstrate a combined minimum of thirty-six (36) months of experience within the last sixty (120) months, in each of the following 6 categories”

Please confirm that this is a typo and the requirement is meant to read, “...a minimum of thirty-six (36) months of experience within the last one hundred and twenty (120) months..”

**Answer 15:**

The proposed Resource should demonstrate a combined minimum of thirty-six (36) months of experience within the last one hundred and twenty (120) months, in each of the following 6 categories:

Please see attached updated Quality Assurance Analyst/Specialist, Level 3, R-34 in Attachment 4.2 Point-Rated Technical Criteria – Workstream 1 and please see attached updated Quality Assurance Analyst/Specialist, Level 3, R-41 in Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.

<b>Solicitation No. – N° de l'invitation</b> W8485-205588/A	<b>Amd. No – N° de la modif.</b> 004	<b>Buyer ID – Id de l'acheteur</b> 004ips
<b>Client Ref. No. – N° de réf. De client</b> W8485-205588	<b>File No. – N° du dossier</b> 004ips W8485-205588	<b>CCC No./ N° CCC – FMS No/ N° VME</b>

**Question 16:**

**RE: Workstream 1, Quality Assurance Analyst/Specialist, Level 3, R-35:**

*"The proposed Resource should demonstrate a minimum of three (3) months of experience within the last thirty-six (60) months"*

Please confirm that this is a typo and the requirement is meant to read, *"a minimum of three (3) months of experience within the last thirty-six (36) months..."*

**Answer 16:**

The proposed Resource should demonstrate a minimum of three (3) months of experience within the last sixty (60) months, in any of the following systems:

Please see attached updated Quality Assurance Analyst/Specialist, Level 2, R-35 in Attachment 4.2 Point-Rated Technical Criteria – Workstream 1 and please see attached updated Quality Assurance Analyst/Specialist, Level 2, R-42 in Attachment Appendix C to Annex A Resource Assessment Criteria and Response Table – Workstream 1.

**ALL OTHER TERMS AND CONDITIONS REMAIN THE SAME.**

**NOTE: A BID ALREADY SUBMITTED MAY BE AMENDED PRIOR TO THE CLOSING DATE. AMENDING CORRESPONDENCE MUST ADDRESS THE SOLICITATION NUMBER AND THE CLOSING DATE AND MUST BE ADDRESSED TO:**

**BID RECEIVING**

**PUBLIC WORKS AND GOVERNMENT SERVICES CANADA**

**PLACE DU PORTAGE, PHASE III**

**MAIN LOBBY, ROOM 0A1**

**11 LAURIER STREET**

**GATINEAU, QUEBEC K1A 0S5**

## APPENDIX C TO ANNEX A

### RESOURCE ASSESSEMENT CRITERIA AND RESPONSE TABLE

#### WORKSTREAM 1

##### 1 MANDATORY CRITERIA

TERM	DEFINITION
Similar Environment	<ul style="list-style-type: none"><li>i. Minimum of 5000 Windows workstations supported nationally and internationally if in a Protected network or a minimum of 300 Windows workstations if in a Classified network;</li><li>ii. Minimum of 50 Microsoft Windows servers (Windows 2008 or more recent) supported and located in a minimum of five (5) different cities;</li><li>iii. Microsoft Windows workstation operating system (Windows XP, Windows 7, Windows 10); and</li><li>iv. VMWare vSphere 5.x and above hypervisor.</li></ul> <p><b>Note: For mandatory criteria, actual numbers must be provided with the résumé.</b></p>
Protected Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to a non-national interest—that is, an individual interest such as a person or an organization.
Classified Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to the national interest, defence and maintenance of the social, political and economic stability of Canada.
Certification and accreditation (C&A)	Certification: the process of evaluating, testing, and examining security controls that have been pre-determined based on the data type in an information system. Accreditation is an official, written approval for the operation of a specific system in a specific environment, as documented in the certification report.
Security assessment and authorization (SA&A)	Process for National Security Systems: the mechanism by which risk to an IT system is understood, mitigated and consistently and measurably managed throughout its lifecycle

Operational environment	<p>A composite of the conditions, circumstances, and influences that affect the employment of military forces and bear on the decisions of the unit commander. Some examples are as follows.</p> <ul style="list-style-type: none"><li>a. permissive environment--Operational environment in which host country military and law enforcement agencies have control as well as the intent and capability to assist operations that a unit intends to conduct.</li><li>b. uncertain environment--Operational environment in which host government forces, whether opposed to or receptive to operations that a unit intends to conduct, do not have totally effective control of the territory and population in the intended operational area.</li><li>c. hostile environment--Operational environment in which hostile forces have control as well as the intent and capability to effectively oppose or react to the operations a unit intends to conduct.</li></ul>
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## 1.1 STREAM 1 - Systems Sustainment Support

A.1 Application/Software Architect, Level 3		
Number	Description of Requirement	Page # if Met
M-1	<p>The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a Software Architect or Developer in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a Software Architect or Developer in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Software Architect or Developer in software development or software maintenance in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.</p>	
M-2	<p>The proposed resource demonstrates having worked on a minimum of five (5) projects* in the last ten (10) years where the resource designed n-tier .Net solutions performing all the following on each project:</p> <ul style="list-style-type: none"> <li>i. Analysis;</li> <li>. Design;</li> <li>i. Planning; and</li> <li>ii. Implementation.</li> </ul> <p>*For the project to qualify, the resource must have worked on the project for a minimum of one (1) year.</p>	
M-3	<p>The proposed resource demonstrates having worked on a minimum of two (2) projects* in the last five (5) years where the resource architected** applications using MS SQL Server Databases on each project*.</p> <p>*For the project to qualify, the resource must have worked on the project for a minimum of one (1) year.</p> <p>**Architecting is defined as conducting analysis, design, planning, and implementation for the successful development and execution of strategy.</p>	
M-4	<p>The proposed resource demonstrates having a minimum of one (1) year combined experience within the last five (5) years architecting, designing and/or developing distributed systems working across different locations inside and outside the same network.</p>	

### B.3 Business Consultant, Level 2

Number	Description of Requirement	Page # if Met
M-5	<p>The proposed resource demonstrates a minimum of seven (7) years of combined experience with the development of the following:</p> <ul style="list-style-type: none"> <li>i. Corporate strategic IM/IT policies and strategies.</li> <li>v. Business IM/IT requirements.</li> <li>vi. Strategic IM/IT business plans</li> <li>vii. Strategic IM/IT service level agreements, memorandum of understandings, and equipment support plans</li> </ul>	
M-6	<p>The proposed resource demonstrates a working knowledge of the following legislation and policies over at least one (1) year each:</p> <ul style="list-style-type: none"> <li>i. National Defence Act</li> <li>viii. National Archive of Canada Act.</li> <li>ix. Access to Information Act.</li> <li>ii. Privacy Act.</li> <li>x. Personnel Information Protection and Electronic Documents Act.</li> <li>iii. Policy for Public Key Infrastructure.</li> <li>iv. Policy on Electronic Authorization and Authentication.</li> </ul>	
M-7	<p>The proposed resource must have a minimum of one (1) year demonstrated combined experience within the last five (5) years providing Change, Incident and Configuration Management support following the ITIL standard.</p>	



B.9 Courseware Developer, Level 3		
Number	Description of Requirement	Page # if Met
M-8	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' experience as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-9	The proposed resource must have a minimum of five (5) years' combined experience within the last ten (10) years developing IM/IT training materials from technical and engineering documentation and delivering training.	
M-10	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years directly supporting a Protected Network or Classified Network user community in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	

B.12 Network Support Specialist, Level 2

Number	Description of Requirement	Page # if Met
M-11	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-12	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years in the coordination, installation, operation and maintenance resolution of hardware and software installation problems.	
M-13	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years directly maintaining accurate records within Axios Assyst CMDB and/or DRMS of equipment serial numbers, locations, service records, maintenance agreements, and warranties, wiring schemes, disposal procedures.	

B.12 Network Support Specialist, Level 3

Number	Description of Requirement	Page # if Met
M-14	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-15	The proposed resource must have a minimum of five (5) years' combined experience within the last ten (10) years in the coordination, installation, operation and maintenance resolution of hardware and software installation problems.	
M-16	The proposed resource must have a minimum of three (3) years' combined experience within the last five (5) years directly maintaining accurate records within Axios Assyst CMDB and/or DRMS of equipment serial numbers, locations, service records, maintenance agreements, and warranties, wiring schemes, disposal procedures.	

C.3 Information Technology Security TRA and C&A Analyst, Level 3		
Number	Description of Requirement	Page # if Met
M-17	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as an IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-18	The proposed resource must have a minimum of five (5) years demonstrated combined experience within the last ten (10) years in the development C&A or SA&A documents, including producing Threat, Risk, and Vulnerability (TRA) assessments in accordance with GoC security policies, including DND/RCMP/CSE approved methodologies.	
M-19	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last ten (10) years documenting IT security orders and emergency measures policies, procedures, and tests.	
M-20	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last ten (10) years performing risk assessments and executing tests of data processing system to ensure functioning of data processing activities and security measures.	

I.9 System Administrator, Level 2

Number	Description of Requirement	Page # if Met
M-21	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a System Administrator.	
M-22	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years working as a System/Network Administrator of a Protected Network or Classified Network.	
M-23	The proposed resource must have a minimum of three (3) years demonstrated combined experience as a System Administrator within the last ten (10) years, planning, managing and rolling out major IM/IT applications, updates and upgrades such as service packs, security patches, and anti-virus products.	

I.9 System Administrator, Level 3

Number	Description of Requirement	Page # if Met
M-24	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a System Administrator	
M-25	The proposed resource must have a minimum of four (4) years' combined experience within the last ten (10) years working as a System/Network Administrator of a Protected Network or Classified Network.	
M-26	The proposed resource must have a minimum of five (5) years demonstrated combined experience as a System Administrator within the last ten (10) years, planning, managing and rolling out major IM/IT applications, updates and upgrades such as service packs, security patches, and anti-virus products in a *similar environment as defined in 1.0 Evaluation Criteria.	

I.11 Technology Architect, Level 2

Number	Description of Requirement	Page # if Met
M-27	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-28	The proposed resource must hold a certification in VMware Certified Professional - Data Center Virtualization or Cloud Management and Automation (VCP-DCV or VCP-CMA) / or Must have successfully completed a Cisco Professional certification (CCNP Cloud or CCNP Data Center or CCNP Routing and Switching) or equivalent Certification / or three (3) years demonstrated combined experience within the last ten (10) years in topics covered in the aforementioned certifications listed above.	

M-29	The proposed resource must have two (2) years of demonstrated combined experience within the last five (5) years working as a Technology Architect in a Protected Network or Classified Network environment requiring time-critical responses to users and decision makers.	
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P.1 Change Management Consultant, Level 3

Number	Description of Requirement	Page # if Met
M-30	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Change Management Consultant in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of five (5) years' combined experience as a Change Management Consultant in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR eight (8) years demonstrated combined experience within the last fifteen (15) years as a Change Management Consultant in software development or software maintenance in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-11	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last five (5) years providing Change and Configuration Management support using an ITIL-compliant toolset based upon a relational Configuration Management Database (CMDB).	
M-32	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last five (5) years producing software release documentation and managing the software release rollout.	

P.6 Project Administrator, Level 3		
Number	Description of Requirement	Page # if Met
M-33	The proposed resource must have a minimum of ten (10) years' combined experience in supporting project teams' administration and in coordinating project activities.	
M-34	The proposed resource must have a minimum of five (5) years' combined experience in tracking funding envelopes and expenditures.	
M-35	The proposed resource must have a minimum of ten (10) years' experience in preparing internal and external correspondence using templates.	

P.7 Project Coordinator, Level 3		
Number	Description of Requirement	Page # if Met
M-36	<p>“The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years’ combined experience as a Project Coordinator or In-Service Support Manager in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria</p> <p>OR must be in possession of a PMP certification with a minimum of eight (8) years’ combined management experience on projects in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria</p> <p>OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Project Coordinator or In-Service Support Manager in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.”</p>	

M-37	The proposed resource must have a minimum of five (5) years demonstrated combined experience managing the implementation of an In-Service-Support (ISS) capability in a Protected Network or Classified Network.	
M-38	The proposed resource must have a minimum of two (2) years' combined experience in tracking and coordinating contract change requests as well as task authorizations.	

P.11 Quality Assurance Specialist/Analyst – Level 2 (QA2)		
Number	Description of Requirement	Page # if Met
M-39	The proposed resource must hold an undergraduate degree from a recognized university in engineering or computer science and a minimum of thirty <b>(30)</b> months of demonstrated quality assurance experience OR a college level certificate in computer science combined with a minimum of forty-two <b>(42)</b> months of demonstrated quality assurance experience OR a secondary school diploma combined with a minimum of <b>60</b> months of demonstrated quality assurance experience.	
M-40	The proposed resource must demonstrate having a minimum of eighty <b>(80)</b> months of combined work experience developing and executing scripts and test plans based on system requirements, reviewing system design documents in order to identify test requirements. Identifying, recording and tracking software issues (Bugs).	
M-41	The proposed resource must demonstrate a minimum of thirty-six <b>(36)</b> months of combined experience within the last sixty (60) months, within at least 3 of the following 6 categories: <ul style="list-style-type: none"> <li>i. SQL server 2008/2012/2014/2016/2017, or Oracle;</li> <li>ii. Visual Studio 2008/2012/2013/2015/2017;</li> <li>iii. .net Framework 3.5 and above, or .net Core 2.0 above;</li> <li>iv. Testing tools like SoapUI, Postman or JMeter;</li> <li>v. HTML, or AJAX, or Telerik Control Toolkit, or KENDO UI;</li> <li>vi. Team Foundation Server (TFS) / DevOps, or Git, or SVN.</li> </ul>	
M-42	The proposed resource must clearly demonstrate having a minimum of thirty-six <b>(36)</b> months of combined work experience establishing software testing procedures, integration testing and regression testing with emphasis on automating the testing procedures.	
M-43	The proposed resource must demonstrate thirty-six <b>(36)</b> months of combined experience within the past seventy-two <b>(72)</b> months, using popular testing tools to generate test automation, such as Team Foundation Server UI Coded Test.	

## 2 RATED CRITERIA

### STREAM 1 - Systems Sustainment Support

A.1 Application/Software Architect, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-1	<p>The proposed resource demonstrates experience working in a project* with a system design using the following architectural patterns:</p> <ul style="list-style-type: none"> <li>i. Client-Server;</li> <li>ii. Data-centric;</li> <li>iii. Event-driven;</li> <li>vii. Layered;</li> <li>iv. Peer-to-peer (P2P);</li> <li>viii. Representational State Transfer (REST);</li> <li>ix. Rule-based; or</li> <li>x. Service-oriented.</li> </ul> <p>*For the project to qualify, the resource must have worked on the project for a minimum of three (3) months.</p>	4	1 point per pattern		
R-2	<p>The proposed resource has demonstrated combined experience within a *similar environment as defined in 1.0 Evaluation Criteria with the design and development of enterprise class relational databases using SQL Server and developing software in <a href="#">ASP.Net</a> and C#.</p>	5	<p>≥1 year = 1 pt.            ≥3 years= 3 pts.            ≥6 years = 5 pts.</p>		

**A.1 Application/Software Architect, Level 3**

<b>Rated</b>	<b>Description</b>	<b>Max Points</b>	<b>Experience / Knowledge Factor</b>	<b>Score</b>	<b>Proposal Page No.</b>
R-3	<p>The proposed resource has combined experience within the last ten (10) years in developing architectures supporting Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>ii. GCCS-J;</li> <li>iii. Joint Mission Planning System (JMPS);</li> <li>iv. Portable Flight Planning System (PFPS);</li> <li>v. FalconView; (6) Coalition Shared Database (CSD);</li> <li>vi. Aviation Requisition/Acquisition Air Force Master Interface System (AFMIS)</li> </ul>	3	<p>≥1 year = 1 pt.                      ≥2 years= 2 pts.                      ≥4 years = 3 pts.</p>		
<b>Minimum Points =</b>		<b>6</b>	Total points =		
<b>Maximum Points =</b>		<b>12</b>			

B.3 Business Consultant – Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-4	The proposed Resource possesses an undergraduate or graduate degree in a relevant field from a recognized post-secondary institution.	3	Undergrad = 2 pts. Graduate = 3 pts.		
R-5	<p>The proposed Resource demonstrates combined experience in the last five (5) years possessing and applying knowledge of the following:</p> <ul style="list-style-type: none"> <li>i. Resource management principles.</li> <li>ii. Project management principles.</li> <li>iii. IM/IT trends and products.</li> </ul>	4	1 point per year		
R-6	<p>The proposed Resource demonstrates combined experience in the last five (5) years performing the following:</p> <ul style="list-style-type: none"> <li>i. Research, review and analyze large documents such as strategic policies, implementation of equipment projects and financial reports and to present recommendations.</li> <li>ii. Perform secretarial duties in support of committees and working groups.</li> <li>iii. Communicate orally and in writing with senior managers.</li> <li>iv. Draft policy documents.</li> </ul>	4	1 point per year		
Minimum Points =		6	Total points =		
Maximum Points =		11			



### B.9 Courseware Developer – Level 3

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-7	<p>The proposed resource has experience within the last 5 years in the training support of Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>v. GCCS-J;</li> <li>vi. C2PC;</li> <li>ii. Joint Mission Planning System (JMPS);</li> <li>iii. Portable Flight Planning System (PFPS);</li> <li>vii. FalconView;</li> <li>iv. Coalition Shared Database (CSD);</li> <li>viii. Ocean FlightPro.</li> <li>v. Aerospace Planning Tool (APT);</li> <li>ix. Request for Effect (RFE)</li> <li>vi. Air Force Master Interface System (AFMIS)</li> </ul>	6	1 point per system		
R-8	<p>The proposed resource has demonstrated experience within the last five (5) years in the training support of:</p> <ul style="list-style-type: none"> <li>i. DAFIF;</li> <li>x. Weather Common Component, or FalconView Weather;</li> <li>ii. Terrain Awareness Warning System;</li> <li>iii. Terrain Awareness Warning System (TAWS);</li> <li>iv. BirdDog; or other mission planning system.</li> </ul>	3	1 point per system		
Minimum Points =		4	Total points =		
Maximum Points =		9			

**B.12 Network Support Specialist, Level 2**

<b>Rated</b>	<b>Description</b>	<b>Max Points</b>	<b>Experience / Knowledge Factor</b>	<b>Score</b>	<b>Proposal Page No.</b>
R-9	The proposed resource has demonstrated combined experience in working in a classified environment, in the handling of COMSEC Material; including TACLANE and EMSEC compliant TEMPEST equipment.	3	1 point per year		
R-10	The proposed resource has combined experience within the last five (5) years dealing with the creation and maintenance of a Definitive Software Library (DSL)	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
R-11	The proposed resource has combined experience maintaining C2IS equipment, liaising with vendors, OGDs, LCMM, DND IM/IT units, in the resolution of hardware and software failure / faults / distribution / installation and configuration.	3	≥1 year = 1 pt. ≥2 years = 2 pts. ≥3 years = 3 pts.		
R-12	Hold a certification of ITIL <b>and</b> corresponding combined experience in the implementation of an ITSM capability in support of operational systems and services. ITIL is an internationally controlled and registered Trademark, and a 'Registered' Community Trademark of the Office of Government Commerce. It is also registered in the U.S. Patent and Trademark Office.	4	≥1 year = 2 pts. ≥2 years = 3 pts. ≥3 years = 4 pts.		
<b>Minimum Points =</b>		<b>6</b>	Total points =		
<b>Maximum Points =</b>		<b>12</b>			

### B.12 Network Support Specialist, Level 3

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-13	The proposed resource has demonstrated combined experience in working in a classified environment, in the handling of Communications Security (COMSEC) Material; including TACLANE encryptor and Emission Security (EMSEC) compliant equipment.	3	1 point per year		
R-14	The proposed resource has demonstrated combined experience within the last ten (10) years dealing with the creation and maintenance of a Definitive Software Library (DSL)	2	$\geq 3$ years = 1 pt. $\geq 5$ years = 2 pts.		
R-15	The proposed resource has a minimum of three (3) years' combined experience maintaining C2IS equipment, liaising with vendors, OGDs, LCMM, DND IM/IT units, in the resolution of hardware and software failure / faults / distribution / installation and configuration.	3	$\geq 3$ years = 1 pt. $\geq 4$ years = 2 pts. $\geq 5$ years = 3 pts.		
R-16	Hold a certification of ITIL <b>and</b> corresponding combined experience in the implementation of an ITSM capability in support of operational systems and services. ITIL is an internationally controlled and registered Trademark, and a 'Registered' Community Trademark of the Office of Government Commerce. It is also registered in the U.S. Patent and Trademark Office.	4	$\geq 1$ year = 2 pts. $\geq 2$ years = 3 pts. $\geq 3$ years = 4 pts.		
Minimum Points =		6	Total points =		
Maximum Points =		12			

C.3 Information Technology Security TRA and C&A Analyst, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-17	The proposed resource has demonstrated combined experience as an Information Technology Security TRA or C&A Analyst in a classified environment	3	1 point per year		
R-18	The proposed resource has a Certified Information Systems Security Professional (CISSP) Certification <b>and</b> corresponding combined information systems security experience	4	≥1 year = 2 pts. ≥2 years = 3 pts. ≥3 years = 4 pts.		
R-19	The proposed resource provides proof of completing a minimum of one (1) SA&A (or C&A) within the past three (3) years using GoC approved processes. Each additional full or updated C&A/SA&A, within the past ten (10) years will receive additional points.	5	1 SA&A or C&A 3 pts.  Additional 1 pt. each		
Minimum Points =		6	Total points =		
Maximum Points =		12			

I.9 System Administrator, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-20	The proposed resource has demonstrated combined experience as a system administrator in a classified environment.	3	1 point per year		
R-21	<p>The proposed resource has demonstrated experience within the last three (3) years as a system administrator with:</p> <ul style="list-style-type: none"> <li>i. Windows 7 or newer desktop configuration;</li> <li>ii. VMWare Horizon v.6.x</li> <li>iii. Windows Server 2012 or newer configuration;</li> <li>iv. CISCO routers configuration; VMWare VSphere V5.X and VCentre V5.x or newer;</li> <li>v. Comm Vault;</li> <li>vi. NetApps SAN Storage</li> </ul>	5	1 point per system		
R-22	The proposed resource has combined experience in the set-up and maintenance of Active Directory services.	3	1 point per year		
Minimum Points =		6	Total points =		
Maximum Points =		11			

I.9 System Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-23	The proposed resource has demonstrated combined experience as a system administrator in a classified environment.	3	1 point per year		
R-24	<p>The proposed resource has demonstrated experience within the last three (3) years as a system administrator with:</p> <ul style="list-style-type: none"> <li>i. Windows 7 or newer desktop configuration;</li> <li>iii. VMWare Horizon v.6.x</li> <li>ii. Windows Server 2012 or newer configuration;</li> <li>iii. CISCO routers configuration;</li> <li>iv. VMWare VSphere V5.X and VCentre V5.x or newer;</li> <li>v. Comm Vault;</li> <li>vi. NetApps SAN Storage</li> </ul>	5	1 point per system		
R-25	The proposed resource has combined experience in the set-up and maintenance of Active Directory services.	3	1 point per year		
R-26	<p>The proposed resource has experience within the last 5 years in the support of Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>ii. GCCS-J;</li> <li>iii. C2PC;</li> <li>iv. Joint Mission Planning System (JMPS);</li> <li>v. Portable Flight Planning System (PFPS);</li> <li>vi. FalconView;</li> <li>vii. Coalition Shared Database (CSD);</li> <li>viii. Ocean FlightPro;</li> <li>ix. Aerospace Planning Tool (APT);</li> <li>x. Request for Effect (RFE);</li> <li>xi. Air Force Master Interface System (AFMIS).</li> </ul>	3	1 point per system		

I.9 System Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
	Minimum Points =	7	Total points =		
	Maximum Points =	14			

I.11 Technology Architect, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-27	The proposed resource has demonstrated combined experience as a technology architect in a classified environment.	3	1 point per year		
R-28	<p>The proposed resource has demonstrated combined experience in designing and implementing systems related <b>to at least 5</b> of the following technology within a *similar environment as defined in 1.0 Evaluation Criteria:</p> <ul style="list-style-type: none"> <li>i. Systems Management and Monitoring</li> <li>ii. Virtual Desktop Infrastructure (VDI) and software and operating system deployment (e.g. Windows Desktop OS, Microsoft Deployment Toolkit, VMWare products supporting VDI, application virtualization)</li> <li>iii. Directory Services</li> <li>iv. Email and Messaging Services</li> <li>v. File and Print / Print Management Services 6) Workgroup Collaborative Services</li> <li>vi. Data centre Load-balancing and regional data availability zoning</li> <li>vii. Cloud management platforms</li> <li>viii. Cloud-native applications orchestration tools</li> <li>ix. Software-defined networking in data centres</li> <li>x. Cisco Nexus architecture.</li> <li>xi. Tactical Data Links</li> <li>xii. Full Motion Video</li> <li>v. HAIPE</li> </ul>	5	<p>≥1 year = 1 pt.  ≥2 years= 3 pts.  ≥5 years = 5 pts.</p>		



I.11 Technology Architect, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-29	<p>Demonstrated combined experience with one (1) or more of the following architecture frameworks:</p> <ul style="list-style-type: none"> <li>i. SABSA (Sherwood Applied Business Security Architecture);</li> <li>ii. TOGAF (The Open Group Architecture Framework);</li> <li>iii. DoDAF (Department of National Defence Architecture Framework), DND AF (Department of National Defence Architecture Framework), MODAF (Ministry of Defence Architecture Framework) or NAF (NATO Architecture Framework);</li> <li>iv. ISO 19439.</li> </ul>	3	<p>≥1 year = 1 pt.  ≥2 years= 2 pts.  ≥5 years = 3 pts.</p>		
Minimum Points =		6	Total points =		
Maximum Points =		11			

P.1 Change Management Consultant, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-30	The proposed resource has demonstrated combined experience in developing and monitoring the implementation of a practical and comprehensive Change Management Plans within a *similar environment as defined in 1.0 Evaluation Criteria.	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
R-31	The proposed resource has demonstrated combined experience in the last four (4) years managing or creating requests in the Axios Assyst tool for change management.	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
R-32	<p>The proposed resource has change management experience on projects* related to or supporting one of the following systems:</p> <ul style="list-style-type: none"> <li>v. RCAF Command and Control Information Systems (AFCCIS);</li> <li>vi. Consolidated Secret Network Infrastructure (CSNI);</li> <li>vii. Defence Command &amp; Control Allied Interoperability (DC2AI);</li> <li>viii. Land Command Support System (LCSS);</li> <li>ix. Maritime Command Operational Information (MCOIN).</li> </ul> <p>*For each project to qualify the resource must have worked on the project for a minimum of six (6) months and the project must have affected more than 100 users</p>	4	1 point per project		

**P.1 Change Management Consultant, Level 3**

<b>Rated</b>	<b>Description</b>	<b>Max Points</b>	<b>Experience / Knowledge Factor</b>	<b>Score</b>	<b>Proposal Page No.</b>
R-33	The proposed resource holds a certification of ITIL with corresponding combined experience in the implementation of an ITSM capability in support of operational systems and services. ITIL is an internationally controlled and registered Trademark, and a 'Registered' Community Trademark of the Office of Government Commerce. It is also registered in the U.S. Patent and Trademark Office.	4	<p>≥1 year = 2 pts.</p> <p>≥2 years = 3 pts.</p> <p>≥3 years = 4 pts.</p>		
<b>Minimum Points =</b>		<b>6</b>	Total points =		
<b>Maximum Points =</b>		<b>12</b>			

P.6 Project Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-34	The proposed resource has s demonstrated combined experience with SharePoint admin task and Microsoft Excel advanced formula and functions.	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
R-35	The proposed resource has demonstrated combined experience entering data, retrieving reports or navigating through with the Defence Resource Management Information System (DRMIS), ClaimsX, CCM Mercury, HRG Travel	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
Minimum Points =		2	Total points =		
Maximum Points =		4			

P.7 Project Coordinator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-36	The proposed resource has demonstrated combined experience in working in a classified environment.	3	1 point per year		
R-37	The proposed resource has a formal Project Management Certification (PMP or master's degree) <b>OR</b> corresponding combined information systems project management experience.	4	$\geq 1 \text{ year} = 2 \text{ pts.}$ $\geq 2 \text{ years} = 3 \text{ pts.}$ $\geq 3 \text{ years} = 4 \text{ pts}$ <b>OR</b> <i>Certification = 4 pts</i>		
R-38	The proposed resource has a minimum of five (5) years of combined experience working as a project coordinator and implementation specialist in an operational military environment.	5	$\geq 5 \text{ years} = 3 \text{ pts.}$ $\geq 7 \text{ years} = 5 \text{ pts.}$		
Minimum Points =		6	Total points =		
Maximum Points =		12			

P.11 Quality Assurance Specialist/Analyst, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-39	The proposed Resource possess an undergraduate, or master's degree in engineering or computer science or other related field from a recognized post-secondary institution.	3	<i>Undergraduate Degree or 10 years of experience as a Quality Assurance Specialist/Analyst = 2 points</i>  <i>Master's Degree or 15 years of experience as a Quality Assurance Specialist/Analyst = 3 points.</i>		
R-40	The proposed Resource should demonstrate having a combined minimum of eighty (80) months experience within the last one-hundred and sixty (160) months testing, identifying, recording and tracking software issues (Bugs) based on system requirements, use cases, and system design documentation, according to a system development methodology.	5	<80 months = 0pts ≥80 months = 1pt ≥96 months = 2pts ≥108 months = 3pts ≥120 months = 5pts		

R-41	<p>The proposed Resource should demonstrate a combined minimum of thirty-six (36) months of experience within the last one hundred and twenty (120) months, in each of the following 6 categories:</p> <ul style="list-style-type: none"> <li>i. SQL server 2008/2012/2014/2016/2017, or Oracle; and</li> <li>ii. Visual Studio 2008/2012/2013/2015/2017; and</li> <li>iii. .net Framework 3.5 and above, or .net Core 2.0 above;</li> <li>iv. Testing tools like SoapUI, Postman or JMeter;</li> <li>v. HTML, or AJAX, or Telerik Control Toolkit, or KENDO UI; and SQL server 2008/2012/2014/2016/2017, or Oracle; and</li> <li>vi. Team Foundation Server (TFS) /</li> </ul>	10	<p>&lt;36 months = 0pts          ≥36 months = 2pts          ≥48 months = 3pts          ≥60 months = 5pts          ≥72 months = 7pts          ≥84 months = 10pts</p>		
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P.11 Quality Assurance Specialist/Analyst, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-42	<p>The proposed Resource should demonstrate a minimum of three (3) months of experience within the last sixty (60) months, in any of the following systems:</p> <ul style="list-style-type: none"> <li>i. GCCS-J/M/N/I3;</li> <li>vii. NAPPIC;</li> <li>viii. Joint Mission Planning System (JMPS);</li> <li>ix. Portable Flight Planning Software (PFPS);</li> <li>x. M2S;</li> <li>xi. Aviation Requisition/Acquisition; or</li> <li>iv. SAFTE-FAST;</li> <li>xii. Tactical Assault Kit (TAK)</li> </ul>	5	<p>&lt;2 Systems = 0pts            ≥2 Systems = 1pt            ≥3 Systems = 2pts            ≥4 Systems = 3pts            ≥5 Systems = 4pts            ≥6 Systems = 5pts</p>		
R-43	<p>The proposed Resource should demonstrate thirty-six (36) months of combined experience within the past seventy-two (72) months, using popular testing tools to generate test automation, such as Team Foundation Server UI Coded Test</p>	5	<p>&lt;36 months = 0pts            ≥36 months = 1pt            ≥48 months = 3pts            ≥60 months = 5pts</p>		
Minimum Points =		12	Total points =		
Maximum Points =		28			





## ATTACHMENT 4.1

### MANDATORY TECHNICAL CRITERIA – WORKSTREAM 1

1. The evaluation criteria contained in this attachment will be used to evaluate bids during the solicitation and to facilitate resource assessment after contract award.
2. The Bidder must provide a qualifying résumé for each of the Resource Categories requested for evaluation (the Bidder must not propose the same resource more than once in response to this solicitation).
3. The Bidder must complete an evaluation grid for each of the résumés being provided as described in Table 1 below. For each criterion the Bidder must indicate the section in the résumé where compliance with the criteria is described. Failure to provide a qualifying résumé for each Resource Category results in a non-responsive bid.

**Table 1:** Bidders must submit the following number of résumés per resource category in response to this evaluation. The actual numbers of resources required are listed in Part 1, 1.2 Summary, of the bid solicitation;

Occupational Category	Level of Expertise	Number of Resumes
<b>A.1 Application/Software Architect</b>	Level 3	1
<b>B.3 Business Consultant</b>	Level 2	0
<b>B.9 Courseware Developer</b>	Level 3	1
<b>B.12 Network Support Specialist</b>	Level 2	3
<b>B.12 Network Support Specialist</b>	Level 3	0
<b>C.3 Information Technology Security TRA and C&amp;A Analyst</b>	Level 3	1
<b>I.9 System Administrator</b>	Level 2	2
<b>I.9 System Administrator</b>	Level 3	1
<b>I.11 Technology Architect</b>	Level 2	1
<b>P.1 Change Management Consultant</b>	Level 3	1
<b>P.6 Project Administrator</b>	Level 3	2
<b>P.7 Project Coordinator</b>	Level 3	3
<b>P.11 Quality Assurance Specialist/Analyst</b>	Level 2	1

## 1 MANDATORY CRITERIA

TERM	DEFINITION
Similar Environment	<ul style="list-style-type: none"> <li>i. Minimum of 5000 Windows workstations supported nationally and internationally if in a Protected network or a minimum of 300 Windows workstations if in a Classified network;</li> <li>ii. Minimum of 50 Microsoft Windows servers (Windows 2008 or more recent) supported and located in a minimum of five (5) different cities;</li> <li>iii. Microsoft Windows workstation operating system (Windows XP, Windows 7, Windows 10); and</li> <li>iv. VMWare vSphere 5.x and above hypervisor.</li> </ul> <p><b>Note: For mandatory criteria, actual numbers must be provided with the résumé.</b></p>
Protected Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to a non-national interest—that is, an individual interest such as a person or an organization.
Classified Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to the national interest, defence and maintenance of the social, political and economic stability of Canada.
Certification and accreditation (C&A)	Certification: the process of evaluating, testing, and examining security controls that have been pre-determined based on the data type in an information system. Accreditation is an official, written approval for the operation of a specific system in a specific environment, as documented in the certification report.
Security assessment and authorization (SA&A)	Process for National Security Systems: the mechanism by which risk to an IT system is understood, mitigated and consistently and measurably managed throughout its lifecycle
Operational environment	<p>A composite of the conditions, circumstances, and influences that affect the employment of military forces and bear on the decisions of the unit commander. Some examples are as follows.</p> <ul style="list-style-type: none"> <li>a. permissive environment--Operational environment in which host country military and law enforcement agencies have control as well as the intent and capability to assist operations that a unit intends to conduct.</li> <li>b. uncertain environment--Operational environment in which host government forces, whether opposed to or receptive to operations that a unit intends to conduct, do not have totally effective control of the territory and population in the intended operational area.</li> <li>c. hostile environment--Operational environment in which hostile forces have control as well as the intent and capability to effectively oppose or react to the operations a unit intends to conduct.</li> </ul>

## 1.1 STREAM 1 - Systems Sustainment Support

A.1 Application/Software Architect, Level 3		
Number	Description of Requirement	Page # if Met
M-1	<p>The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a Software Architect or Developer in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a Software Architect or Developer in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Software Architect or Developer in software development or software maintenance in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.</p>	
M-2	<p>The proposed resource demonstrates having worked on a minimum of five (5) projects* in the last ten (10) years where the resource designed n-tier .Net solutions performing all the following on each project:</p> <ul style="list-style-type: none"> <li>i. Analysis;</li> <li>. Design;</li> <li>i. Planning; and</li> <li>ii. Implementation.</li> </ul> <p>*For the project to qualify, the resource must have worked on the project for a minimum of one (1) year.</p>	
M-3	<p>The proposed resource demonstrates having worked on a minimum of two (2) projects* in the last five (5) years where the resource architected** applications using MS SQL Server Databases on each project*.</p> <p>*For the project to qualify, the resource must have worked on the project for a minimum of one (1) year.</p> <p>**Architecting is defined as conducting analysis, design, planning, and implementation for the successful development and execution of strategy.</p>	
M-4	<p>The proposed resource demonstrates having a minimum of one (1) year combined experience within the last five (5) years architecting, designing and/or developing distributed systems working across different locations inside and outside the same network.</p>	



B.9 Courseware Developer, Level 3		
Number	Description of Requirement	Page # if Met
M-5	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' experience as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Courseware Developer for an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-6	The proposed resource must have a minimum of five (5) years' combined experience within the last ten (10) years developing IM/IT training materials from technical and engineering documentation and delivering training.	
M-7	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years directly supporting a Protected Network or Classified Network user community in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	

B.12 Network Support Specialist, Level 2

Number	Description of Requirement	Page # if Met
M-8	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a Network Support Specialist in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-9	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years in the coordination, installation, operation and maintenance resolution of hardware and software installation problems.	
M-10	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years directly maintaining accurate records within Axios Assyst CMDB and/or DRMS of equipment serial numbers, locations, service records, maintenance agreements, and warranties, wiring schemes, disposal procedures.	

C.3 Information Technology Security TRA and C&A Analyst, Level 3		
Number	Description of Requirement	Page # if Met
M-11	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as an IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a IT Security Analyst in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-12	The proposed resource must have a minimum of five (5) years demonstrated combined experience within the last ten (10) years in the development C&A or SA&A documents, including producing Threat, Risk, and Vulnerability (TRA) assessments in accordance with GoC security policies, including DND/RCMP/CSE approved methodologies.	
M-13	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last ten (10) years documenting IT security orders and emergency measures policies, procedures, and tests.	
M-14	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last ten (10) years performing risk assessments and executing tests of data processing system to ensure functioning of data processing activities and security measures.	



I.9 System Administrator, Level 2

Number	Description of Requirement	Page # if Met
M-15	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a System Administrator.	
M-16	The proposed resource must have a minimum of two (2) years' combined experience within the last five (5) years working as a System/Network Administrator of a Protected Network or Classified Network.	
M-17	The proposed resource must have a minimum of three (3) years demonstrated combined experience as a System Administrator within the last ten (10) years, planning, managing and rolling out major IM/IT applications, updates and upgrades such as service packs, security patches, and anti-virus products.	

I.9 System Administrator, Level 3

Number	Description of Requirement	Page # if Met
M-18	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience working as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of eight (8) years' combined experience as a System Administrator in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a System Administrator	
M-19	The proposed resource must have a minimum of four (4) years' combined experience within the last ten (10) years working as a System/Network Administrator of a Protected Network or Classified Network.	
M-20	The proposed resource must have a minimum of five (5) years demonstrated combined experience as a System Administrator within the last ten (10) years, planning, managing and rolling out major IM/IT applications, updates and upgrades such as service packs, security patches, and anti-virus products in a *similar environment as defined in 1.0 Evaluation Criteria.	

I.11 Technology Architect, Level 2

Number	Description of Requirement	Page # if Met
M-21	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of four (4) years' combined experience as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR six (6) years demonstrated combined experience within the last ten (10) years as a Technology Architect in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-22	The proposed resource must hold a certification in VMware Certified Professional - Data Center Virtualization or Cloud Management and Automation (VCP-DCV or VCP-CMA) / or Must have successfully completed a Cisco Professional certification (CCNP Cloud or CCNP Data Center or CCNP Routing and Switching) or equivalent Certification / or three (3) years demonstrated combined experience within the last ten (10) years in topics covered in the aforementioned certifications listed above.	

M-23	The proposed resource must have two (2) years of demonstrated combined experience within the last five (5) years working as a Technology Architect in a Protected Network or Classified Network environment requiring time-critical responses to users and decision makers.	
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P.1 Change Management Consultant, Level 3

Number	Description of Requirement	Page # if Met
M-24	The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of two (2) years' combined experience working as a Change Management Consultant in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR a two (2) year college certificate in computer science combined with a minimum of five (5) years' combined experience as a Change Management Consultant in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria OR eight (8) years demonstrated combined experience within the last fifteen (15) years as a Change Management Consultant in software development or software maintenance in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria.	
M-25	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last five (5) years providing Change and Configuration Management support using an ITIL-compliant toolset based upon a relational Configuration Management Database (CMDB).	
M-26	The proposed resource must have a minimum of two (2) years demonstrated combined experience within the last five (5) years producing software release documentation and managing the software release rollout.	

P.6 Project Administrator, Level 3		
Number	Description of Requirement	Page # if Met
M-27	The proposed resource must have a minimum of ten (10) years' combined experience in supporting project teams' administration and in coordinating project activities.	
M-28	The proposed resource must have a minimum of five (5) years' combined experience in tracking funding envelopes and expenditures.	
M-29	The proposed resource must have a minimum of ten (10) years' experience in preparing internal and external correspondence using templates.	

P.7 Project Coordinator, Level 3		
Number	Description of Requirement	Page # if Met
M-30	<p>"The proposed resource must hold an undergraduate degree from a recognized university in computer science or engineering and a minimum of five (5) years' combined experience as a Project Coordinator or In-Service Support Manager in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria</p> <p>OR must be in possession of a PMP certification with a minimum of eight (8) years' combined management experience on projects in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria</p> <p>OR ten (10) years demonstrated combined experience within the last fifteen (15) years as a Project Coordinator or In-Service Support Manager in an IM/IT *similar environment as defined in 1.0 Evaluation Criteria."</p>	

M-31	The proposed resource must have a minimum of five (5) years demonstrated combined experience managing the implementation of an In-Service-Support (ISS) capability in a Protected Network or Classified Network.	
M-32	The proposed resource must have a minimum of two (2) years' combined experience in tracking and coordinating contract change requests as well as task authorizations.	



P.11 Quality Assurance Specialist/Analyst – Level 2 (QA2)		
Number	Description of Requirement	Page # if Met
M-33	The proposed resource must hold an undergraduate degree from a recognized university in engineering or computer science and a minimum of thirty <b>(30)</b> months of demonstrated quality assurance experience OR a college level certificate in computer science combined with a minimum of forty-two <b>(42)</b> months of demonstrated quality assurance experience OR a secondary school diploma combined with a minimum of <b>60</b> months of demonstrated quality assurance experience.	
M-34	The proposed resource must demonstrate having a minimum of eighty <b>(80)</b> months of combined work experience developing and executing scripts and test plans based on system requirements, reviewing system design documents in order to identify test requirements. Identifying, recording and tracking software issues (Bugs).	
M-35	The proposed resource must demonstrate a minimum of thirty-six <b>(36)</b> months of combined experience within the last sixty (60) months, within at least 3 of the following 6 categories: <ul style="list-style-type: none"> <li>i. SQL server 2008/2012/2014/2016/2017, or Oracle;</li> <li>ii. Visual Studio 2008/2012/2013/2015/2017;</li> <li>iii. .net Framework 3.5 and above, or .net Core 2.0 above;</li> <li>iv. Testing tools like SoapUI, Postman or JMeter;</li> <li>v. HTML, or AJAX, or Telerik Control Toolkit, or KENDO UI;</li> <li>vi. Team Foundation Server (TFS) / DevOps, or Git, or SVN.</li> </ul>	
M-36	The proposed resource must clearly demonstrate having a minimum of thirty-six <b>(36)</b> months of combined work experience establishing software testing procedures, integration testing and regression testing with emphasis on automating the testing procedures.	
M-37	The proposed resource must demonstrate thirty-six <b>(36)</b> months of combined experience within the past seventy-two <b>(72)</b> months, using popular testing tools to generate test automation, such as Team Foundation Server UI Coded Test.	



## ATTACHMENT 4.2

### POINT-RATED TECHNICAL CRITERIA – WORKSTREAM 1

1. The evaluation criteria contained in this attachment will be used to evaluate bids during the solicitation and to facilitate resource assessment after contract award.
2. The Bidder must provide a qualifying résumé for each of the Resource Categories requested for evaluation (the Bidder must not propose the same resource more than once in response to this solicitation).
3. The Bidder must complete an evaluation grid for each of the résumés being provided as described in Table 1 below. For each criterion the Bidder must indicate the section in the résumé where compliance with the criteria is described. Failure to provide a qualifying résumé for each Resource Category results in a non-responsive bid.

**Table 1:** Bidders must submit the following number of résumés per resource category in response to this evaluation. The actual numbers of resources required are listed in Part 1, 1.2 Summary, of the bid solicitation;

Occupational Category	Level of Expertise	Number of Resumes
<b>A.1 Application/Software Architect</b>	Level 3	1
<b>B.3 Business Consultant</b>	Level 2	0
<b>B.9 Courseware Developer</b>	Level 3	1
<b>B.12 Network Support Specialist</b>	Level 2	3
<b>B.12 Network Support Specialist</b>	Level 3	0
<b>C.3 Information Technology Security TRA and C&amp;A Analyst</b>	Level 3	1
<b>I.9 System Administrator</b>	Level 2	2
<b>I.9 System Administrator</b>	Level 3	1
<b>I.11 Technology Architect</b>	Level 2	1
<b>P.1 Change Management Consultant</b>	Level 3	1
<b>P.6 Project Administrator</b>	Level 3	2
<b>P.7 Project Coordinator</b>	Level 3	3
<b>P.11 Quality Assurance Specialist/Analyst</b>	Level 2	1

TERM	DEFINITION
Similar Environment	<ul style="list-style-type: none"> <li>i. Minimum of 5000 Windows workstations supported nationally and internationally if in a Protected network or a minimum of 300 Windows workstations if in a Classified network;</li> <li>ii. Minimum of 50 Microsoft Windows servers (Windows 2008 or more recent) supported and located in a minimum of five (5) different cities;</li> <li>iii. Microsoft Windows workstation operating system (Windows XP, Windows 7, Windows 10); and</li> <li>iv. VMWare vSphere 5.x and above hypervisor.</li> </ul> <p><b>Note: For mandatory criteria, actual numbers must be provided with the résumé.</b></p>
Protected Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to a non-national interest—that is, an individual interest such as a person or an organization.
Classified Network	Applies to information or assets that, if compromised, could reasonably be expected to cause injury to the national interest, defence and maintenance of the social, political and economic stability of Canada.
Certification and accreditation (C&A)	Certification: the process of evaluating, testing, and examining security controls that have been pre-determined based on the data type in an information system. Accreditation is an official, written approval for the operation of a specific system in a specific environment, as documented in the certification report.
Security assessment and authorization (SA&A)	Process for National Security Systems: the mechanism by which risk to an IT system is understood, mitigated and consistently and measurably managed throughout its lifecycle
Operational environment	<p>A composite of the conditions, circumstances, and influences that affect the employment of military forces and bear on the decisions of the unit commander. Some examples are as follows.</p> <ul style="list-style-type: none"> <li>a. permissive environment--Operational environment in which host country military and law enforcement agencies have control as well as the intent and capability to assist operations that a unit intends to conduct.</li> <li>b. uncertain environment--Operational environment in which host government forces, whether opposed to or receptive to operations that a unit intends to conduct, do not have totally effective control of the territory and population in the intended operational area.</li> <li>c. hostile environment--Operational environment in which hostile forces have control as well as the intent and capability to effectively oppose or react to the operations a unit intends to conduct.</li> </ul>

## 2 RATED CRITERIA

### STREAM 1 - Systems Sustainment Support

A.1 Application/Software Architect, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-1	<p>The proposed resource demonstrates experience working in a project* with a system design using the following architectural patterns:</p> <ul style="list-style-type: none"> <li>i. Client-Server;</li> <li>ii. Data-centric;</li> <li>iii. Event-driven;</li> <li>i. Layered;</li> <li>iv. Peer-to-peer (P2P);</li> <li>ii. Representational State Transfer (REST);</li> <li>iii. Rule-based; or</li> <li>iv. Service-oriented.</li> </ul> <p>*For the project to qualify, the resource must have worked on the project for a minimum of three (3) months.</p>	4	1 point per pattern		
R-2	<p>The proposed resource has demonstrated combined experience within a *similar environment as defined in 1.0 Evaluation Criteria with the design and development of enterprise class relational databases using SQL Server and developing software in <a href="#">ASP.Net</a> and C#.</p>	5	<p>≥1 year = 1 pt.            ≥3 years= 3 pts.            ≥6 years = 5 pts.</p>		

A.1 Application/Software Architect, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-3	<p>The proposed resource has combined experience within the last ten (10) years in developing architectures supporting Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>ii. GCCS-J;</li> <li>iii. Joint Mission Planning System (JMPS);</li> <li>iv. Portable Flight Planning System (PFPS);</li> <li>v. FalconView; (6) Coalition Shared Database (CSD);</li> <li>vi. Aviation Requisition/Acquisition Air Force Master Interface System (AFMIS)</li> </ul>	3	<p>≥1 year = 1 pt.  ≥2 years= 2 pts.  ≥4 years = 3 pts.</p>		
Minimum Points =		6	Total points =		
Maximum Points =		12			



### B.9 Courseware Developer – Level 3

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-4	<p>The proposed resource has experience within the last 5 years in the training support of Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>i. GCCS-J;</li> <li>ii. C2PC;</li> <li>ii. Joint Mission Planning System (JMPS);</li> <li>iii. Portable Flight Planning System (PFPS);</li> <li>iii. FalconView;</li> <li>iv. Coalition Shared Database (CSD);</li> <li>iv. Ocean FlightPro.</li> <li>v. Aerospace Planning Tool (APT);</li> <li>v. Request for Effect (RFE)</li> <li>vi. Air Force Master Interface System (AFMIS)</li> </ul>	6	1 point per system		
R-5	<p>The proposed resource has demonstrated experience within the last five (5) years in the training support of:</p> <ul style="list-style-type: none"> <li>i. DAFIF;</li> <li>vi. Weather Common Component, or FalconView Weather;</li> <li>ii. Terrain Awareness Warning System;</li> <li>iii. Terrain Awareness Warning System (TAWS);</li> <li>iv. BirdDog; or other mission planning system.</li> </ul>	3	1 point per system		
Minimum Points =		4	Total points =		
Maximum Points =		9			



### B.12 Network Support Specialist, Level 2

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-6	The proposed resource has demonstrated combined experience in working in a classified environment, in the handling of COMSEC Material; including TACLANE and EMSEC compliant TEMPEST equipment.	3	1 point per year		
R-7	The proposed resource has combined experience within the last five (5) years dealing with the creation and maintenance of a Definitive Software Library (DSL)	2	$\geq 1$ year = 1 pt. $\geq 2$ years = 2 pts.		
R-8	The proposed resource has combined experience maintaining C2IS equipment, liaising with vendors, OGDs, LCMM, DND IM/IT units, in the resolution of hardware and software failure / faults / distribution / installation and configuration.	3	$\geq 1$ year = 1 pt. $\geq 2$ years = 2 pts. $\geq 3$ years = 3 pts.		
R-9	Hold a certification of ITIL <b>and</b> corresponding combined experience in the implementation of an ITSM capability in support of operational systems and services. ITIL is an internationally controlled and registered Trademark, and a 'Registered' Community Trademark of the Office of Government Commerce. It is also registered in the U.S. Patent and Trademark Office.	4	$\geq 1$ year = 2 pts. $\geq 2$ years = 3 pts. $\geq 3$ years = 4 pts.		
<b>Minimum Points =</b>		<b>6</b>	Total points =		
<b>Maximum Points =</b>		<b>12</b>			



### C.3 Information Technology Security TRA and C&A Analyst, Level 3

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-10	The proposed resource has demonstrated combined experience as an Information Technology Security TRA or C&A Analyst in a classified environment	3	1 point per year		
R-11	The proposed resource has a Certified Information Systems Security Professional (CISSP) Certification <b>and</b> corresponding combined information systems security experience	4	$\geq 1$ year = 2 pts. $\geq 2$ years = 3 pts. $\geq 3$ years = 4 pts.		
R-12	The proposed resource provides proof of completing a minimum of one (1) SA&A (or C&A) within the past three (3) years using GoC approved processes. Each additional full or updated C&A/SA&A, within the past ten (10) years will receive additional points.	5	1 SA&A or C&A 3 pts.  Additional 1 pt. each		
Minimum Points =		6	Total points =		
Maximum Points =		12			

I.9 System Administrator, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-13	The proposed resource has demonstrated combined experience as a system administrator in a classified environment.	3	1 point per year		
R-14	<p>The proposed resource has demonstrated experience within the last three (3) years as a system administrator with:</p> <ul style="list-style-type: none"> <li>i. Windows 7 or newer desktop configuration;</li> <li>ii. VMWare Horizon v.6.x</li> <li>iii. Windows Server 2012 or newer configuration;</li> <li>iv. CISCO routers configuration; VMWare VSphere V5.X and VCentre V5.x or newer;</li> <li>v. Comm Vault;</li> <li>vi. NetApps SAN Storage</li> </ul>	5	1 point per system		
R-15	The proposed resource has combined experience in the set-up and maintenance of Active Directory services.	3	1 point per year		
Minimum Points =		6	Total points =		
Maximum Points =		11			

I.9 System Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-16	The proposed resource has demonstrated combined experience as a system administrator in a classified environment.	3	1 point per year		
R-17	<p>The proposed resource has demonstrated experience within the last three (3) years as a system administrator with:</p> <ul style="list-style-type: none"> <li>i. Windows 7 or newer desktop configuration;</li> <li>ii. VMWare Horizon v.6.x or newer configuration;</li> <li>iii. CISCO routers configuration;</li> <li>iv. VMWare VSphere V5.X and VCentre V5.x or newer;</li> <li>v. Comm Vault;</li> <li>vi. NetApps SAN Storage</li> </ul>	5	1 point per system		
R-18	The proposed resource has combined experience in the set-up and maintenance of Active Directory services.	3	1 point per year		
R-19	<p>The proposed resource has experience within the last 5 years in the support of Air Force Specialized Software:</p> <ul style="list-style-type: none"> <li>i. NAPPIC;</li> <li>ii. GCCS-J;</li> <li>iii. C2PC;</li> <li>iv. Joint Mission Planning System (JMPS);</li> <li>v. Portable Flight Planning System (PFPS);</li> <li>vi. FalconView;</li> <li>vii. Coalition Shared Database (CSD);</li> <li>viii. Ocean FlightPro;</li> <li>ix. Aerospace Planning Tool (APT);</li> <li>x. Request for Effect (RFE);</li> <li>xi. Air Force Master Interface System (AFMIS).</li> </ul>	3	1 point per system		

I.9 System Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
	Minimum Points =	7	Total points =		
	Maximum Points =	14			

I.11 Technology Architect, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-20	The proposed resource has demonstrated combined experience as a technology architect in a classified environment.	3	1 point per year		
R-21	<p>The proposed resource has demonstrated combined experience in designing and implementing systems related <b>to at least 5</b> of the following technology within a *similar environment as defined in 1.0 Evaluation Criteria:</p> <ul style="list-style-type: none"> <li>i. Systems Management and Monitoring</li> <li>ii. Virtual Desktop Infrastructure (VDI) and software and operating system deployment (e.g. Windows Desktop OS, Microsoft Deployment Toolkit, VMWare products supporting VDI, application virtualization)</li> <li>iii. Directory Services</li> <li>iv. Email and Messaging Services</li> <li>v. File and Print / Print Management Services 6) Workgroup Collaborative Services</li> <li>vi. Data centre Load-balancing and regional data availability zoning</li> <li>vii. Cloud management platforms</li> <li>viii. Cloud-native applications orchestration tools</li> <li>ix. Software-defined networking in data centres</li> <li>x. Cisco Nexus architecture.</li> <li>xi. Tactical Data Links</li> <li>xii. Full Motion Video</li> <li>v. HAIPE</li> </ul>	5	<p>≥1 year = 1 pt.  ≥2 years= 3 pts.  ≥5 years = 5 pts.</p>		

I.11 Technology Architect, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-22	<p>Demonstrated combined experience with one (1) or more of the following architecture frameworks:</p> <ul style="list-style-type: none"> <li>i. SABSA (Sherwood Applied Business Security Architecture);</li> <li>ii. TOGAF (The Open Group Architecture Framework);</li> <li>iii. DoDAF (Department of National Defence Architecture Framework), DND AF (Department of National Defence Architecture Framework), MODAF (Ministry of Defence Architecture Framework) or NAF (NATO Architecture Framework);</li> <li>iv. ISO 19439.</li> </ul>	3	<p>≥1 year = 1 pt.  ≥2 years= 2 pts.  ≥5 years = 3 pts.</p>		
Minimum Points =		6	Total points =		
Maximum Points =		11			



**P.1 Change Management Consultant, Level 3**

Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-23	The proposed resource has demonstrated combined experience in developing and monitoring the implementation of a practical and comprehensive Change Management Plans within a *similar environment as defined in 1.0 Evaluation Criteria.	2	<p>≥1 year = 1 pt.</p> <p>≥2 years = 2 pts.</p>		
R-24	The proposed resource has demonstrated combined experience in the last four (4) years managing or creating requests in the Axios Assyst tool for change management.	2	<p>≥1 year = 1 pt.</p> <p>≥2 years = 2 pts.</p>		
R-25	<p>The proposed resource has change management experience on projects* related to or supporting one of the following systems:</p> <ul style="list-style-type: none"> <li>v. RCAF Command and Control Information Systems (AFCCIS);</li> <li>vi. Consolidated Secret Network Infrastructure (CSNI);</li> <li>vii. Defence Command &amp; Control Allied Interoperability (DC2AI);</li> <li>viii. Land Command Support System (LCSS);</li> <li>ix. Maritime Command Operational Information (MCOIN).</li> </ul> <p>*For each project to qualify the resource must have worked on the project for a minimum of six (6) months and the project must have affected more than 100 users</p>	4	1 point per project		

**P.1 Change Management Consultant, Level 3**

<b>Rated</b>	<b>Description</b>	<b>Max Points</b>	<b>Experience / Knowledge Factor</b>	<b>Score</b>	<b>Proposal Page No.</b>
R-26	The proposed resource holds a certification of ITIL with corresponding combined experience in the implementation of an ITSM capability in support of operational systems and services. ITIL is an internationally controlled and registered Trademark, and a 'Registered' Community Trademark of the Office of Government Commerce. It is also registered in the U.S. Patent and Trademark Office.	4	<p>≥1 year = 2 pts.</p> <p>≥2 years = 3 pts.</p> <p>≥3 years = 4 pts.</p>		
<b>Minimum Points =</b>		<b>6</b>	Total points =		
<b>Maximum Points =</b>		<b>12</b>			

P.6 Project Administrator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-27	The proposed resource has s demonstrated combined experience with SharePoint admin task and Microsoft Excel advanced formula and functions.	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
R-28	The proposed resource has demonstrated combined experience entering data, retrieving reports or navigating through with the Defence Resource Management Information System (DRMIS), ClaimsX, CCM Mercury, HRG Travel	2	≥1 year = 1 pt. ≥2 years = 2 pts.		
Minimum Points =		2	Total points =		
Maximum Points =		4			

P.7 Project Coordinator, Level 3					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-29	The proposed resource has demonstrated combined experience in working in a classified environment.	3	1 point per year		
R-30	The proposed resource has a formal Project Management Certification (PMP or master's degree) <b>OR</b> corresponding combined information systems project management experience.	4	$\geq 1 \text{ year} = 2 \text{ pts.}$ $\geq 2 \text{ years} = 3 \text{ pts.}$ $\geq 3 \text{ years} = 4 \text{ pts}$ <b>OR</b> <i>Certification = 4 pts</i>		
R-31	The proposed resource has a minimum of five (5) years of combined experience working as a project coordinator and implementation specialist in an operational military environment.	5	$\geq 5 \text{ years} = 3 \text{ pts.}$ $\geq 7 \text{ years} = 5 \text{ pts.}$		
Minimum Points =		6	Total points =		
Maximum Points =		12			

P.11 Quality Assurance Specialist/Analyst, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-32	The proposed Resource possess an undergraduate, or master's degree in engineering or computer science or other related field from a recognized post-secondary institution.	3	<i>Undergraduate Degree or 10 years of experience as a Quality Assurance Specialist/Analyst = 2 points</i>  <i>Master's Degree or 15 years of experience as a Quality Assurance Specialist/Analyst = 3 points.</i>		
R-33	The proposed Resource should demonstrate having a combined minimum of eighty (80) months experience within the last one-hundred and sixty (160) months testing, identifying, recording and tracking software issues (Bugs) based on system requirements, use cases, and system design documentation, according to a system development methodology.	5	<80 months = 0pts ≥80 months = 1pt ≥96 months = 2pts ≥108 months = 3pts ≥120 months = 5pts		

R-34	<p>The proposed Resource should demonstrate a combined minimum of thirty-six (36) months of experience within the last one hundred and twenty (120) months, in each of the following 6 categories:</p> <ul style="list-style-type: none"> <li>i. SQL server 2008/2012/2014/2016/2017, or Oracle; and</li> <li>ii. Visual Studio 2008/2012/2013/2015/2017; and</li> <li>iii. .net Framework 3.5 and above, or .net Core 2.0 above;</li> <li>iv. Testing tools like SoapUI, Postman or JMeter;</li> <li>v. HTML, or AJAX, or Telerik Control Toolkit, or KENDO UI; and SQL server 2008/2012/2014/2016/2017, or Oracle; and</li> <li>vi. Team Foundation Server (TFS) / DevOps, or Git, or SVN.</li> </ul>	10	<p>&lt;36 months = 0pts          ≥36 months = 2pts          ≥48 months = 3pts          ≥60 months = 5pts          ≥72 months = 7pts          ≥84 months = 10pts</p>		
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P.11 Quality Assurance Specialist/Analyst, Level 2					
Rated	Description	Max Points	Experience / Knowledge Factor	Score	Proposal Page No.
R-35	<p>The proposed Resource should demonstrate a minimum of three (3) months of experience within the last sixty (60) months, in any of the following systems:</p> <ul style="list-style-type: none"> <li>i. GCCS-J/M/N/I3;</li> <li>vii. NAPPIC;</li> <li>viii. Joint Mission Planning System (JMPS);</li> <li>ix. Portable Flight Planning Software (PFPS);</li> <li>x. M2S;</li> <li>xi. Aviation Requisition/Acquisition; or</li> <li>i. SAFTE-FAST;</li> <li>xii. Tactical Assault Kit (TAK)</li> </ul>	5	<p>&lt;2 Systems = 0pts            ≥2 Systems = 1pt            ≥3 Systems = 2pts            ≥4 Systems = 3pts            ≥5 Systems = 4pts            ≥6 Systems = 5pts</p>		
R-36	<p>The proposed Resource should demonstrate thirty-six (36) months of combined experience within the past seventy-two (72) months, using popular testing tools to generate test automation, such as Team Foundation Server UI Coded Test</p>	5	<p>&lt;36 months = 0pts            ≥36 months = 1pt            ≥48 months = 3pts            ≥60 months = 5pts</p>		
Minimum Points =		12	Total points =		
Maximum Points =		28			

