



RETURN BIDS TO:

RETOURNER LES SOUMISSIONS À:

**Bid Receiving - PWGSC / Réception des soumissions -
TPSGC**

11 Laurier St., / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

SOLICITATION AMENDMENT

MODIFICATION DE L'INVITATION

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

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

Comments - Commentaires

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Informatics Professional Services - EL Division/Services

professionnels en informatique - division EL

Terrasses de la Chaudière 4th Floor

10 Wellington Street

Gatineau

Québec

K1A 0S5

Title - Sujet IT ProServices	
Solicitation No. - N° de l'invitation 08915-180150/A	Amendment No. - N° modif. 003
Client Reference No. - N° de référence du client 20180150	Date 2019-01-30
GETS Reference No. - N° de référence de SEAG PW-\$\$EL-609-34531	
File No. - N° de dossier 609el.08915-180150	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2019-02-27	
Time Zone Fuseau horaire Eastern Standard Time EST	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Bastien, Josée	Buyer Id - Id de l'acheteur 609el
Telephone No. - N° de téléphone (613) 858-9843 ()	FAX No. - N° de FAX () -
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction:	

Instructions: See Herein

Instructions: Voir aux présentes

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

This Amendment number 003 is issued to respond to the following Vendor's questions:

Question 1:

- a) We are an existing, qualified TSPS/TBIPS SA holder and we are very interested in this RFP. Can you please invite us?
- b) We would like to be invited to the above referenced solicitation. I guess we do not need an invitation for Tier2. Do we?
- c) W would like to be invited to the bidder's list.
- d) We would like to be added to the invitation list to bid for RFP 08915-180150/A.

Response 1:

Article 1.2 Summary of the RFP, states:

(f) Only TBIPS SA Holders currently holding a TBIPS SA for Tier 2, in all resource categories and in the National Capital Region under the EN578-170432 series of SAs are eligible to compete. The TBIPS SA EN578-170432 is incorporated by reference and forms part of this bid solicitation, as though expressly set out in it, subject to any express terms and conditions contained in this bid solicitation. The capitalized terms not defined in this bid solicitation have the meaning given to them in the TBIPS SA.

(g) SA Holders that are invited to compete as a joint venture must submit a bid as that joint venture SA Holder, forming no other joint venture to bid. Any joint venture must be already qualified under the SA #EN578-170432 as that joint venture at the time of bid closing in order to submit a bid.

If you are a TBIPS SA Holder currently holding a TBIPS SA for Tier 2, in all resource categories and in the National Capital Region under the EN578-170432 series of SAs, you are eligible to submit a proposal.

Question 2:

For corporate mandatory CM.2, the criteria requests "experience providing resources with real property application development experience in a global setting". The vast majority of Real Property application development within the government is managed by PSPC and based on a SAP platform, leaving very few instances (beyond Global Affairs) where a bidder could have obtained such experience. To be fair to bidders who have the requisite .NET experience but not necessarily in the Real Property domain, would you accept experience other than Real Property?

Response 2:

See changes below.

Question 3:

For corporate mandatory CM.3, the criteria requests "experience providing resources with global currency exchange application development experience". Would you consider alternate application development experience (outside of global currency exchange) which includes solutions that are .NET front end developed?

Response 3:

See changes below.

Question 4:

This RFP contains a significant number of Corporate Evaluation Criteria (10) all of which are very detailed and require vendors to perform in-depth technical research with their past project teams to confirm project compliance to each. The result is a significantly higher level of effort than required by most TBIPS Tier 1 RFPs. In addition, four (4) resources are required to be submitted for evaluation against lengthy mandatory and rated grids.

To provide vendors with sufficient time to respond to the requirements of this RFP and thereby increase competition on this solicitation, would the Crown please grant a two-week extension to the current closing date of February 11th 2019?

Response 4:

See changes below.

Question 5:

The Corporate Rated Criterion CM2 and CM3 (provided in Attachment 2 of the RFP) appear to be incomplete, causing confusion in the *definition of "A similar project".

Can the Crown please confirm that CM2 and CM3 **are not required** to have the software platforms listed in CM1? If this assumption is correct, then please modify the *definition of "A similar project" to read: ****A similar project is one that is application development and maintenance oriented, and is two years or more in duration.***

Response 5:

See changes below.

The following changes apply to the RFP:

1. At **Page 1, Closing Date** of the RFP, the following change applies:

Delete:

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2019-02-11
Eastern Standard Time EST

Insert:

Solicitation Closes - L'invitation prend fin
at - à 02:00 PM
on - le 2019-02-27
Eastern Standard Time EST

2. **ATTACHMENT 2 BID EVALUATION CRITERIA**, delete in its entirety.

Insert:

ATTACHMENT 2 BID EVALUATION CRITERIA

To facilitate bid preparation and evaluation, Bidders should prepare and submit their proposal using the tables provided in this Attachment. When completing the resource grids, the specific information which demonstrates the requested criteria and reference to the page number of the resume should be incorporated so that the evaluator can verify this information. It is not acceptable that the tables should contain all the project information from the résumé. Only the specific answer should be provided.

No.	Mandatory Criteria		Compliant Yes/No
CM.1	Corporate		
M1	Application/Software Architect – Level 3		
M2	Application/Software Architect – Level 3		
M3	Application/Software Architect – Level 3		
M4	Application/Software Architect – Level 3		
M5	Application/Software Architect – Level 3		
M1	Programmer/Analyst – Level 3		
M2	Programmer/Analyst – Level 3		
M3	Programmer/Analyst – Level 3		
M1	Database Analyst – Level 3		
M2	Database Analyst – Level 3		
M1	Technical Writer – Level 2		
M2	Technical Writer – Level 2		
No.	Point-Rated Criteria	Maximum Technical Points	Bidder Technical Score
R1	Corporate	40	
R2	Corporate	40	
R3	Corporate	30	
R4	Corporate	30	
R5	Corporate	40	
Total Corporate		180	
R1	Application/Software Architect – Level 3	5	
R2	Application/Software Architect – Level 3	5	
R3	Application/Software Architect – Level 3	5	
R4	Application/Software Architect – Level 3	40	
R5	Application/Software Architect – Level 3	40	
R6	Application/Software Architect – Level 3	5	
R7	Application/Software Architect – Level 3	15	
R8	Application/Software Architect – Level 3	35	
R9	Application/Software Architect – Level 3	10	
Total Application/Software Architect – Level 3		160	
R1	Programmer/Analyst – Level 3	5	
R2	Programmer/Analyst – Level 3	20	
R3	Programmer/Analyst – Level 3	10	

R4	Programmer/Analyst – Level 3	25	
R5	Programmer/Analyst – Level 3	20	
R6	Programmer/Analyst – Level 3	5	
R7	Programmer/Analyst – Level 3	15	
R8	Programmer/Analyst – Level 3	10	
Total Programmer/Analyst – Level 3		110	
R1	Database Analyst – Level 3	20	
R2	Database Analyst – Level 3	15	
R3	Database Analyst – Level 3	7	
R4	Database Analyst – Level 3	15	
R5	Database Analyst – Level 3	5	
R6	Database Analyst – Level 3	5	
Total Database Analyst – Level 3		67	
R1	Technical Writer – Level 2	20	
R2	Technical Writer – Level 2	20	
R3	Technical Writer – Level 2	5	
R4	Technical Writer – Level 2	5	
Total Technical Writer – Level 2		50	
Total Points		567	

The Technical proposals will be evaluated and scored in accordance with the following evaluation criteria (Mandatory Requirements and Point Rated Requirements).

1. CORPORATE MANDATORY

Criteria	Mandatory Requirement	Bidder's Response
		Demonstrated experience (Bidders to insert data)
CM.1	<p>The Bidder must demonstrate, using project descriptions, that it has *experience providing and defining resources with application development and maintenance * experience in both a developmental and maintenance environment for two ** similar projects.</p> <p>*The experience must have been obtained within the last 10 years, as of bid closing.</p> <p>**A similar project is one that is application development and maintenance oriented, is two years or more in duration, and uses the following software platforms:</p> <p>MS-SQL 2005, 2008, 2012; MS Server; Windows 7 and 10; MS.NET</p>	

Solicitation Number:
08915-180150/A

Amendment Number:
003

Buyer ID:
609EL

	C#; ASP.NET	
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ATTACHMENT 2.1

1. RESOURCES MANDATORY REQUIREMENTS

The bidder must propose one (1) resource for each of the following category and include an up to date résumé for each of the proposed resources.

RESOURCE CATEGORY	LEVEL OF EXPERTISE
Application/Software Architect	LEVEL 3
Programmer/Analyst	LEVEL 3
Database Analyst	LEVEL 3
Technical Writer	LEVEL 2

1.1 Application/Software Architect – Level 3

Experience and Expertise of the Proposed Application/Software Architect, Level 3			
Name of proposed Resource: _____			
The Bidder MUST demonstrate that the Proposed Application/Software Architect, Level 3 has:			
Criteria	Mandatory Requirement	Bidder's Response	
		Demonstrated experience (Bidders to insert data)	Insert page # of resume
M.1	The Bidder must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized academic institution. A Copy of a valid degree or diploma should be included with the bid.		
M.2	The Bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of ten years of experience, within the last fifteen years, as of bid closing, in the *Information Technology (IT) field designing and developing business applications. *Information Technology (IT) field is defined as "the study, design, development, application,		

	implementation, support or management of computer-based information systems". The responsibilities of those working in the field include network administration, software development and installation, and the planning and management of an organization's technology life cycle, by which hardware and software is maintained, upgraded, and replaced		
M3	The Bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of seven years' experience within the last ten years, as of bid closing, architecting enterprise-wide applications using "n-tier" model, in an International real property environment.		
M4	The bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of seven years' experience, as of bid closing, in an International real property environment, architecting enterprise-wide applications using the following software platforms: <ul style="list-style-type: none"> - CSLA 4.2.X through 4.5.X and beyond - MS-SQL 		
M5	The Bidder must demonstrate, using project descriptions, that the proposed resource has experience in "Localization including currency exchange in a .NET environment" in an International real property setting.		

1.2 Programmer/Analyst – Level 3

Experience and Expertise of the Proposed Programmer/Analyst, Level 3			
Name of proposed Resource: _____			
The Bidder MUST demonstrate that the Proposed Programmer/Analyst, Level 3 has:			
Criteria	Mandatory Requirement	Bidder's Response	
		Demonstrated experience (Bidders to insert data)	Insert page # of resume
M.1	The Bidder must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Bidder must demonstrate, using project descriptions, that the proposed resource has ten years' experience in business application development using "n-tier" model and Object Oriented Analysis and Design.		
M3	The Bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of six years' experience, as of bid closing, developing and implementing CSLA 4.3.X through 4.5.X and beyond.		

1.3 Database analyst, Level 3

Experience and Expertise of the Proposed Database analyst, Level 3		
Name of proposed Resource: _____		
The Bidder MUST demonstrate that the Proposed Database analyst, Level 3 has:		
Criteria	Mandatory Requirement	Bidder's Response

		Demonstrated experience (Bidders to insert data)	Insert page # of resume
M.1	The Bidder must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of ten years of experience within the last fifteen years, as of bid closing supporting Microsoft SQL or ANSI SQL environment.		

1.4 Technical Writer, Level 2

Experience and Expertise of the Proposed Technical Writer, Level 2			
Name of proposed Resource: _____			
The Bidder MUST demonstrate that the Proposed Technical Writer, Level 2 has:			
Criteria	Mandatory Requirement	Bidder's Response	
		Demonstrated experience (Bidders to insert data)	Insert page # of resume
M.1	The Bidder must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials.		

	Copy of a valid degree or diploma should be included with the bid.		
M.2	The Bidder must demonstrate, using project descriptions, that the proposed resource has a minimum of five years of experience within the last seven years, as of bid closing as a technical writer in an IM/IT field supporting an application development and maintenance shop.		

ATTACHMENT 2.2

1. POINT RATED REQUIREMENTS

1.1 CORPORATE POINT RATED REQUIREMENTS

Corporate Point Rated Technical Criteria				
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience
R1	The Bidder should provide project descriptions and references for two projects completed within the last five years, as of bid closing, involving application and systems support and maintenance where the annual professional services component were greater or equal to \$600K dollars each.	40	20 points per project up to a maximum of 40 points	
R2	The Bidder should provide project descriptions for two projects that clearly show the projects scale and provide references for the two projects completed within the last five years as of bid closing involving application design, development and implementation where the annual professional services components were equal to or greater than \$600k dollars each.	40	20 points per project up to a maximum of 40 points	
R3	The Bidder should provide project descriptions and references for two projects completed within the last five years as of bid closing involving application or systems migration and liaison where the annual professional services component were greater or equal to \$500K dollars each.	30	15 points per project up to a maximum of 30 points	
R4	The Bidder should demonstrate, using project descriptions, its experience within the last three years as of bid closing in the design, development, implementation, and support of	30	10 points per project up to a maximum of 30 points	

	Business Objects and Encapsulated Classes using a proven Object Oriented methodology.			
R5	The Bidder should demonstrate, using project descriptions, its experience within the last six years, as of bid closing, in the design, development, implementation, and support of Web applications using "n-tier" architecture.	40	10 points per project up to a maximum of 40 points.	
MAX. AVAILABLE POINTS		180		
MIN. POINTS REQUIRED		108		
BIDDER TECHNICAL SCORE				
Proposals that do not meet the minimum points required of 108 points for the Corporate Point-Rated Technical Criteria will be found non-responsive.				

1.2. RESOURCE POINT RATED REQUIREMENTS

1.2.1 APPLICATION/SOFTWARE ARCHITECT - LEVEL 3					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R1	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience deploying applications under: <input checked="" type="checkbox"/> Microsoft Solutions Framework; <input checked="" type="checkbox"/> Microsoft Patterns and Practices; <input checked="" type="checkbox"/> .Net Framework.	5	One point per year up to a maximum of 5 points.		
R2	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience implementing the Model View Controller Design Pattern application.	5	One point per year up to a maximum of 5 points.		
R3	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience implementing the Microsoft User Interface Application Block	5	One point per year up to a maximum of 5 points.		
R4	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience, within the last four years as of bid closing in the four phases of the Software Development Life Cycle (SDLC) using Component Scalable Logical Architecture (CLSA.NET) versions 4.3.x. <ul style="list-style-type: none"> • design, • development, 	40	10 points per phase up to a maximum of 40 points		

	<ul style="list-style-type: none"> implementation and support/maintenance 				
R5	<p>The Bidder should demonstrate, using project descriptions, that the proposed resource has experience within the last four years, as of bid closing in the four phases of the Software Development Life Cycle (SDLC) using Component Scalable Logical Architecture (CLSA.NET) versions 4.5.7.</p> <ul style="list-style-type: none"> design, development, implementation and support/maintenance 	40	10 points per phase up to a maximum of 40 points		
R6	<p>The Bidder should demonstrate, using project descriptions, that the proposed resource has experience implementing best practices in Relational Database Design and Microsoft Data Access for data storage and management.</p>	5	One point per year up to a maximum of 5 points.		
R7	<p>The Bidder should demonstrate, using project descriptions, that the proposed resource has experience implementing and deploying applications with:</p> <p>a) MS-Visual Studio 2008 b) MS-Visual Studio 2012 c) MS-Visual Studio 2017 (version 15.4.4)</p>	15	<p>a) One point per year up to a maximum of 5 points b) one point per year up to a maximum of 5 points c) 5 points per year up to a maximum of 5 points.</p>		
R8	<p>The Bidder should demonstrate, using project descriptions, that the proposed resource has experience implementing and deploying applications with:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> JSON; <input checked="" type="checkbox"/> ASP.NET MVC; <input checked="" type="checkbox"/> Javascript; <input checked="" type="checkbox"/> C#; <input checked="" type="checkbox"/> VBA; <input checked="" type="checkbox"/> MS-SQL Server 2005 <input checked="" type="checkbox"/> MS-SQL Server 2008 R2 	35	One point per application per year up to a maximum of 5 points each.		
R9	<p>The Bidder should demonstrate, through project descriptions, that the proposed resource has experience in implementing and deploying applications using:</p>	10	Two points per year up to a maximum of 10 points.		

<input type="checkbox"/> MS Team Foundation;			
MAX. AVAILABLE POINTS	160		
MIN. POINTS REQUIRED	96		
BIDDER TECHNICAL SCORE			
Proposals that do not meet the minimum score of 96 points for the proposed resource of this category will be found non-responsive.			

1.2.2 PROGRAMMER/ANALYST - LEVEL 3					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R1	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing applications using Visual Studio .NET.	5	One point per year up to a maximum of 5 points.		
R2	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing, supporting and maintaining applications with Component Scalable Logical Architecture (CSLA.NET) a) 4.3.x; b) 4.5.7.	20	a) Two points per year up to a maximum of 8 points. b) Four points per year up to a maximum of 12 points.		
R3	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing applications using: - Microsoft Application Block; - Object oriented techniques.	10	One point per application per year up to a maximum of 5 points each.		
R4	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing windows based applications using: - Ajax; - VBA; - C#; - ODBC; - OLEDB.	25	One point per application per year up to a maximum of 5 points each.		
R5	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing Intranet applications using: - ASP.NET MVC 4; - client side JavaScript Query;	20	One point per application per year up to a maximum of 5 points each.		

	- Object oriented programming; - WEB experience toolkit (WET).				
R6	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience developing reports using SQL Reporting Services.	5	One point per year up to a maximum of 5 points.		
R7	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the development, implementation, and support of applications with: - MS Visual Studio 2012; - MS Visual Studio 2017; - Transact SQL; - Microsoft VBA; - C#.	15	One point per application per year up to a maximum of 3 points each.		
R8	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the migration, implementation, and support of applications with: - MS-SQL Server 2005; - MS-SQL Server 2008.	10	One point per version per year up to a maximum of 5 points each.		
MAX. AVAILABLE POINTS		110			
MIN. POINTS REQUIRED		66			
BIDDER TECHNICAL SCORE					
Proposals that do not meet the minimum score of 66 points for the proposed resource will be found non-responsive.					

1.2.3 DATABASE ANALYST - LEVEL 3					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R1	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of applications with MS-SQL 2005 and 2008 including: - SQL Server Integration Services 2008 R2; - SQL Server Reporting Services 2008 R2.	20	Two points per application per year up to a maximum of 10 points each.		
R2	The Bidder should demonstrate,	15	a) one point per year		

	using project descriptions, that the proposed resource has experience with MS Visual Studio: a) 2008 (BIDS); b) 2012; c) 2017.		up to a maximum of 5 points; b) one point per year to a maximum of 5 points c) 5 points per year to a maximum of 5 points		
R3	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience with Database Design and Implementation.	7	One point per year up to a maximum of 7 points.		
R4	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of applications with: - OLEDB; - ODBC; - ADODB connectivity.	15	One point per application per year up to a maximum of 5 points each.		
R5	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of MS-SQL based applications using SQL Server Management Studio 2008 R2.	5	One point per application per year up to a maximum of 5 points each.		
R6	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience with Quality Assurance methodology.	5	One point per year up to a maximum of 5 points.		
MAX. AVAILABLE POINTS		67			
MIN. POINTS REQUIRED		40			
BIDDER TECHNICAL SCORE					
Proposals that do not meet the minimum score of 40 points for the proposed resource will be found non-responsive.					

1.2.4 TECHNICAL WRITER - LEVEL 2					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R1	The Bidder should demonstrate, using project descriptions, that the proposed resource has a minimum of five years' experience as a Technical writer working in an IM/IT field.	20	Two points per year up to a maximum of 10 points.		
R2	The Bidder should demonstrate, using project descriptions, that the	20	One point per application per year to		

	proposed resource has experience with: <input checked="" type="checkbox"/> MS Word 2007 or above <input checked="" type="checkbox"/> MS PowerPoint 2007 or above <input checked="" type="checkbox"/> MS Excel 2007 or above <input checked="" type="checkbox"/> MS Project 2007 or above		a maximum of 5 points each.		
R3	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience with Software Development Life Cycle (SDLC).	5	One point per year up to a maximum of 5points.		
R4	The Bidder should demonstrate, using project descriptions, that the proposed resource has experience in the writing of USE case documents for applications.	5	One point per application per year up to a maximum of 5 points.		
MAX. AVAILABLE POINTS		50			
MIN. POINTS REQUIRED		30			
BIDDER TECHNICAL SCORE					
Proposals that do not meet the minimum score of 30 points for the proposed resource will be found non-responsive.					

3. At **APPENDIX C TO ANNEX A - RESOURCES ASSESSMENT CRITERIA AND RESPONSE TABLE**, delete in its entirety.

Insert:

APPENDIX C TO ANNEX A - RESOURCES ASSESSMENT CRITERIA AND RESPONSE TABLE

To facilitate resource assessment, Contractors must prepare and submit a response to a draft Task Authorization using the tables provided in this Annex. When completing the resource grids, the specific information which demonstrates the requested criteria and reference to the page number of the résumé should be incorporated so that Canada can verify this information. The tables should not contain all the project information from the resume. Only the specific answer should be provided.

1. RESOURCES MANDATORY REQUIREMENTS

1.1 Application/Software Architect – Level 3

Experience and Expertise of the Proposed Application/Software Architect, Level 3		
Name of proposed Resource: _____		
The Contractor MUST demonstrate that the Proposed Application/Software Architect, Level 3 has:		
Criteria	Mandatory Requirement	Contractor’s Response

		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	<p>The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized academic institution.</p> <p>A Copy of a valid degree or diploma should be included with the bid.</p>		
M.2	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of ten years of experience, within the last fifteen years, in the *Information Technology (IT) field designing and developing business applications.</p> <p>*Information Technology (IT) field is defined as "the study, design, development, application, implementation, support or management of computer-based information systems". The responsibilities of those working in the field include network administration, software development and installation, and the planning and management of an organization's technology life cycle, by which hardware and software is maintained, upgraded, and replaced.</p>		
M3	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of seven years' experience within the last ten years, architecting enterprise-wide applications using "n-tier" model, in an International real property environment.</p>		
M4	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of seven years' experience, in an International real property environment, architecting enterprise-</p>		

	<p>wide applications using the following software platforms:</p> <ul style="list-style-type: none"> - CSLA 4.2.X through 4.5.X and beyond - MS-SQL 		
M5	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has experience in "Localization including currency exchange in a .NET environment" in an International real property setting.</p>		

1.2 Programmer/Analyst – Level 3

Experience and Expertise of the Proposed Programmer/Analyst, Level 3			
Name of proposed Resource: _____			
The Contractor MUST demonstrate that the Proposed Programmer/Analyst, Level 3 has:			
Criteria	Mandatory Requirement	Contractor's Response	
		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	<p>The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials.</p> <p>Copy of a valid degree or diploma should be included with the bid.</p>		
M.2	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has ten years' experience in business application development using "n-tier" model and Object Oriented Analysis and Design.</p>		
M.3	<p>The Contractor must demonstrate, using project descriptions, that the</p>		

	<p>proposed resource has a minimum of six years' experience, developing and implementing CSLA 4.3.X through 4.5.X and beyond.</p>		
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1.3 Programmer/Analyst – Level 2

<p>Experience and Expertise of the Proposed Programmer/Analyst, Level 2</p>			
<p>Name of proposed Resource: _____</p>			
<p>The Contractor MUST demonstrate that the Proposed Programmer/Analyst, Level 2 has:</p>			
<p>Criteria</p>	<p>Mandatory Requirement</p>	<p>Contractor's Response</p>	
		<p>Demonstrated experience (Contractors to insert data)</p>	<p>Insert page # of resume</p>
<p>M.1</p>	<p>The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials.</p> <p>Copy of a valid degree or diploma should be included with the bid.</p>		
<p>M.2</p>	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has five years of experience within the last seven years, in business application development using “n-tier” model and Object Oriented Analysis and Design.</p>		

1.4 Quality assurance specialist, Level 2

Experience and Expertise of the Proposed Quality assurance specialist, Level 2			
Name of proposed Resource: _____			
The Contractor MUST demonstrate that the Proposed Quality assurance specialist, Level 2 has:			
Criteria	Mandatory Requirement	Contractor's Response	
		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of five years' experience within the last seven years, in the IT field of which a minimum of three years must be for experience in developing, executing test scripts, tracking and reporting issues and producing technical documentation		

1.5 Database analyst, Level 3

Experience and Expertise of the Proposed Database analyst, Level 3		
Name of proposed Resource: _____		
The Contractor MUST demonstrate that the Proposed Database analyst, Level 3 has:		
Criteria	Mandatory Requirement	Contractor's Response

		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of ten years of experience within the last fifteen years, supporting Microsoft SQL or ANSI SQL environment.		

1.6 Technical Writer, Level 2

Experience and Expertise of the Proposed Technical Writer, Level 2			
Name of proposed Resource: _____			
The Contractor MUST demonstrate that the Proposed Technical Writer, Level 2 has:			
Criteria	Mandatory Requirement	Contractor's Response	
		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre		

	for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of five years of experience within the last seven years, as a technical writer in an IM/IT field supporting an application development and maintenance shop.		

1.7 Project Manager, Level 3

Experience and Expertise of the Proposed Project Manager, Level 3			
Name of proposed Resource: _____			
The Contractor MUST demonstrate that the Proposed Project Manager, Level 3 has:			
Criteria	Mandatory Requirement	Contractor's Response	
		Demonstrated experience (Contractors to insert data)	Insert page # of resume
M.1	The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences or any technical IT related degree or diploma from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials. Copy of a valid degree or diploma should be included with the bid.		
M.2	The Contractor must demonstrate, using project		

	<p>descriptions, that the proposed resource has a minimum of ten years of experience as a project manager in an IM/IT field supporting an application development and maintenance shop.</p>		
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1.8 Web Developer, Level 2

<p>Experience and Expertise of the Proposed Web Developer, Level 2</p>			
<p>Name of proposed Resource: _____</p>			
<p>The Contractor MUST demonstrate that the Proposed Web Developer, Level 2 has:</p>			
<p>Criteria</p>	<p>Mandatory Requirement</p>	<p>Contractor's Response</p>	
		<p>Demonstrated experience (Contractors to insert data)</p>	<p>Insert page # of resume</p>
<p>M.1</p>	<p>The Contractor must demonstrate that the proposed resource has a post-secondary degree or diploma in Computer Sciences from a recognized Canadian academic institution or an international academic institution recognized by the Canadian Information Centre for International Credentials.</p> <p>Copy of a valid degree or diploma should be included with the bid.</p>		
<p>M.2</p>	<p>The Contractor must demonstrate, using project descriptions, that the proposed resource has a minimum of three years of experience within the last seven years, as a web developer in an IM/IT setting supporting an application development and</p>		

	maintenance shop.		
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2. RESOURCE POINT RATED REQUIREMENTS

Resource Point Rated Technical Criteria					
1. APPLICATION/SOFTWARE ARCHITECT - LEVEL 3					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience deploying applications under:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Microsoft Solutions Framework, <input checked="" type="checkbox"/> Microsoft Patterns and Practices and <input checked="" type="checkbox"/> .Net Framework 	5	One point per year up to a maximum of 5 points.		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing the Model View Controller Design Pattern application.	5	One point per year up to a maximum of 5 points.		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing the Microsoft User Interface Application Block	5	One point per year up to a maximum of 5 points.		
R4	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience within the last four years, in the four phases of the Software Development Life Cycle (SDLC) using Component Scalable Logical Architecture (CLSA.NET) versions 4.3.X</p> <ul style="list-style-type: none"> • design, • development, • implementation and • support/maintenance 	40	10 points per phase up to a maximum of 40 points		
R5	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience within the last three years, in the four phases of the Software Development Life	40	10 points per phase up to a maximum of 40 points		

	<p>Cycle (SDLC) using Component Scalable Logical Architecture (CLSA.NET) versions 4.5.7.</p> <ul style="list-style-type: none"> • design, • development, • implementation and • support/maintenance 				
R.6	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing best practices in Relational Database Design and Microsoft Data Access for data storage and management.</p>	5	<p>One point per year up to a maximum of 5 points</p>		
R.7	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing and deploying applications with:</p> <p>a) MS-Visual Studio 2008 b) MS-Visual Studio 2012 c) MS-Visual Studio 2017 (version 15.4.4)</p>	15	<p>a) One point per year up to a maximum of 5 points b) one point per year up to a maximum of 5 points c) 5 points per year up to a maximum of 5 points</p>		
R.8	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing and deploying applications with:</p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> JSON; <input checked="" type="checkbox"/> ASP.NET MVC; <input checked="" type="checkbox"/> Javascript; <input checked="" type="checkbox"/> C#; <input checked="" type="checkbox"/> VBA; <input checked="" type="checkbox"/> MS-SQL Server 2005 <input checked="" type="checkbox"/> MS-SQL Server 2008 R2 	35	<p>One point per application per year up to a maximum of 5 points each.</p>		
R.9	<p>The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing and deploying applications using:</p> <p><input checked="" type="checkbox"/> MS Team Foundation.</p>	10	<p>Two points per year up to a maximum of 10 points.</p>		
Maximum Score		160			

Contractor Technical Score		
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2. PROGRAMMER/ANALYST - LEVEL 3

Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing applications using Visual Studio .NET.	5	One point per year up to a maximum of 5 points		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing, supporting and maintaining applications with Component Scalable Logical Architecture (CSLA.NET) a) 4.3.x; b) 4.5.7.	20	a) Two points per year up to a maximum of 8 points b) Four points per year up to a maximum of 12 points		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing applications using: - Microsoft Application Block; - Object oriented techniques.		One point per application per year up to a maximum of 5 points each		
R.4	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing windows based applications using: - Ajax; - VBA; - C#; - ODBC; - OLEDB	25	One point per application per year up to a maximum of 5 points each.		
R.5	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing Intranet applications using: - ASP.NET MVC 4; - client side JavaScrip/JQuery;	20	One point per application per year up to a maximum of 5 points each.		

	<ul style="list-style-type: none"> - Object oriented programming; - WEB experience toolkit (WET). 				
R.6	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing reports using SQL Reporting Services.	5	One point per year of experience.		
R.7	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the development, implementation, and support of applications with: <ul style="list-style-type: none"> - S Visual Studio 2012; - MS Visual Studio 2017; - Transact SQL; - Microsoft VBA; - C# 	15	One point per application per year up to a maximum of 3 points each.		
R.8	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the migration, implementation, and support of applications with: <ul style="list-style-type: none"> - MS-SQL Server 2005; - MS-SQL Server 2008 	10	One point per version per year up to a maximum of 5 points each.		
Maximum Score		110			
Contractor Technical Score					

3. PROGRAMMER/ANALYST - LEVEL 2					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience implementing, deploying, and supporting applications with: <ul style="list-style-type: none"> - MS Visual Studio 2008; - MS Visual Studio 2012; - MS Visual Studio 2017; - VBA; - C#. 	15	One point per application per year up to a maximum of 3 points each.		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing, supporting and	10	Two points per year up to a maximum of 10 points.		

	maintaining applications with CSLA.NET Version 4.3.x and above.				
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with: - Microsoft SQL Server 2005; - MS SQL Server 2008	10	One point per version up to a maximum of 5 points each.		
R.4	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with: - JavaScript; - HTML; - CSS.	15	One point per application per year up to a maximum of 5 points each		
R.5	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience developing and supporting applications with: - Web experience toolkit (WET); - ASP.NET; - AJAX.	15	One point per application per year up to a maximum of 5 points each.		
Maximum Score		65			
Contractor Technical Score					

4. QUALITY ASSURANCE SPECIALIST - LEVEL 2					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the Information Technology (IT) field with a minimum of four years of experience in the last seven years, as a Quality Assurance Specialist.	5	One point per year up to a maximum of 5 points.		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in writing and executing Test Scripts including reporting and tracking issues.	5	One point per year up to a maximum of 5 points.		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the use of Quality Assurance process, including Configuration Management and Version Control.	5	One point per year up to a maximum of 5 points.		
R.4	The Contractor should demonstrate,	5	One point per year up		

	using project descriptions, that the proposed resource has experience providing quality metrics to project management team as part of a multi-disciplined implementation team.		to a maximum of 5 points.		
Maximum Score		20			
Contractor Technical Score					

5. DATABASE ANALYST - LEVEL 3

Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of applications with MS-SQL 2005 and 2008 including: <ul style="list-style-type: none"> - SQL Server Integration Services 2008 R2; - SQL Server Reporting Services 2008 R2. 	20	Two points per application per year up to a maximum of 10 points each.		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with MS Visual Studio: <ul style="list-style-type: none"> a) 2008 (BIDS); b) 2012; c) 2017. 	15	a) One point per year up to a maximum of 5 points. b) One point per year to a maximum of 5 points. c) 5 points per year to a maximum of 5 points.		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with Database Design and Implementation.	7	One point per year up to a maximum of 7 points.		
R.4	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of applications with: <ul style="list-style-type: none"> - OLEDB; - ODBC; - ADODB connectivity. 	15	One point per application per year up to a maximum of 5 points each.		
R.5	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the development and implementation of MS-SQL based applications using SQL Server Management Studio 2008 R2.	5	One point per application per year up to a maximum of 5 points each.		

R.6	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with Quality Assurance methodology.	5	One point per year up to a maximum of 5 points.		
Maximum Score		67			
Contractor Technical Score					

6. TECHNICAL WRITER - LEVEL 2					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has a minimum of five years' experience as a Technical writer working in an IM/IT field	20	Two points per year up to a maximum of 10 points each.		
R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> MS Word 2007 or above <input checked="" type="checkbox"/> MS PowerPoint 2007 or above <input checked="" type="checkbox"/> MS Excel 2007 or above <input checked="" type="checkbox"/> MS Project 2007 or above 	20	One point per application per year to a maximum of 5 points each.		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with Software Development Life Cycle (SDLC).	5	One point per year up to a maximum of 5points.		
R.4	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the writing of USE case documents for applications.	5	One point per application per year up to a maximum of 5 points.		
Maximum Score		50			
Contractor Technical Score					

7. PROJECT MANAGER - LEVEL 3					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate, using project descriptions, that the proposed resource has a minimum of ten years' experience in the past fifteen years, as a Project Manager providing advice, support and consultation in relation to the development of project documentation, stakeholder management and communications in a real property environment	20	Two points per year to a maximum of 20.		

R.2	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the Software Development Life Cycle (SDLC) In the following phases: <ul style="list-style-type: none"> • design, • development, • implementation and • support/maintenance 	80	20 points per phase up to a maximum of 80 points.		
R.3	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in system development projects supported by Microsoft Team Foundation System.	6	two points per year up to a maximum of 6 points.		
R.4	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience with <ul style="list-style-type: none"> a) Agile software development and b) Waterfall 	10	a) One point per year up to a maximum of 5 points. b) One point per year to a maximum of 5 points.		
R.5	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the enterprise-wide process improvement/implementation.	5	One point per year up to a maximum of 5 points each.		
R.6	The Contractor should demonstrate, using project descriptions, that the proposed resource has experience in the planning and/or execution of a custom-developed application.	5	One point per application per year up to a maximum of 5 points.		
Maximum Score		126			
Contractor Technical Score					

8. WEB DEVELOPPER - LEVEL 2					
Item	Point-Rated Requirement	Max Points	Evaluation Criteria	Demonstrated Experience	Insert Page # of Resume
R.1	The Contractor should demonstrate that the proposed resource has experience developing and implementing applications using: <ul style="list-style-type: none"> • ASP.NET; • Active X; • HTML. 	15	One point per application per year up to a maximum of 5 points each.		
R.2	The Contractor should demonstrate that the proposed resource has experience developing applications	10	One point per technology per year up to a maximum of 5		

	using: <ul style="list-style-type: none"> • JAVA • JAVA Script 		points each.		
R.3	The Contractor should demonstrate that the proposed resource has experience using Microsoft SQL Server 2008.	10	Two points per year up to a maximum of 10 points.		
R.4	The Contractor should demonstrate that the proposed resource has experience using XML.	5	One point per year up to a maximum of 5 points.		
Maximum Score		40			
Contractor Technical Score					

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED