



**RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:**

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

11 Laurier St., / 11, rue Laurier

Place du Portage, Phase III

Core 0B2 / Noyau 0B2

Gatineau

Québec

K1A 0S5

Bid Fax: (819) 997-9776

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

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

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

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

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

Comments - Commentaires

Title - Sujet Support for BRMS	
Solicitation No. - N° de l'invitation 01B68-171058/A	Date 2017-06-15
Client Reference No. - N° de référence du client 01B68-171058	
GETS Reference No. - N° de référence de SEAG PW-\$\$EL-606-31603	
File No. - N° de dossier 606el.01B68-171058	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-07-06	Time Zone Fuseau horaire Eastern Daylight Saving Time EDT
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input checked="" type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Mansour, Silvana	Buyer Id - Id de l'acheteur 606el
Telephone No. - N° de téléphone (873) 469-4986 ()	FAX No. - N° de FAX (819) 956-5925
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF AGRICULTURE AND AGRI-FOOD Supply Management Team TWR 4 1341 BASELINE RD Floor 3, Room 115 (613) 773-0631 william.larmour@agr.gc.ca OTTAWA Ontario K1A0C5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

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

Issuing Office - Bureau de distribution

Informatics Professional Services - EL Division/Services
professionnels en informatique - division EL

4C2, Place du Portage

Gatineau

Québec

K1A 0S5

Delivery Required - Livraison exigée See Herein	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

**BID SOLICITATION
FOR A CONTRACT AGAINST A SUPPLY ARRANGEMENT FOR TASK-
BASED INFORMATICS PROFESSIONAL SERVICES (TBIPS)
VARIOUS RESOURCE CATEGORIES - LEVELS 2 AND 3
FOR THE
DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA
IN WINNIPEG**

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List of Annexes to the Resulting Contract:

Annex A Statement of Work
Annex B Basis of Payment
Annex C Security Requirements Check List

List of Attachment to Part 3 (Bid Preparation Instructions):

-Attachment 3.1: Bid Submission Form

List of Attachment to Part 4 (Evaluation Procedures and Basis of Selection):

-Attachment 4.1: Bid Evaluation Criteria
-Attachment 4.2: Pricing Schedule

List of Attachment to Part 5 (Certifications):

-Attachment 5.1: Federal Contractors Program for Employment Equity - Certification

BID SOLICITATION

FOR A CONTRACT AGAINST A SUPPLY ARRANGEMENT FOR TASK-BASED INFORMATICS PROFESSIONAL SERVICES (TBIPS) VARIOUS RESOURCE CATEGORIES - LEVELS 2 AND 3 FOR THE DEPARTMENT OF AGRICULTURE AND AGRI-FOOD CANADA IN WINNIPEG

PART 1 - GENERAL INFORMATION

1.1 Introduction

This document states terms and conditions that apply to this bid solicitation. It is divided into seven parts plus attachments and annexes, as follows:

Part 1 General Information: provides a general description of the requirement;

Part 2 Bidder Instructions: provides the instructions, clauses and conditions applicable to the bid solicitation;

Part 3 Bid Preparation Instructions: provides Bidders with instructions on how to prepare their bid;

Part 4 Evaluation Procedures and Basis of Selection: indicates how the evaluation will be conducted, the evaluation criteria that must be addressed in the bid, if applicable, and the basis of selection;

Part 5 Certifications and Additional Information: includes the certifications and additional information to be provided;

Part 6 Security, Financial and Other Requirements: includes specific requirements that must be addressed by Bidders; and

Part 7 Resulting Contract Clauses: includes the clauses and conditions that will apply to any resulting contract.

The annexes include the Statement of Work, the Basis of Payment, the Security Requirement Check List and any other annexes.

1.2 Summary

- (a) This bid solicitation is being issued to satisfy the requirement of the Department of Agriculture and Agri-Food Canada (AAFC) (the "**Client**") for Task-Based Informatics Professional Services (TBIPS) under the TBIPS Supply Arrangement (SA) method of supply.
- (b) It is intended to result in the award of one contract, for one year plus four one-year irrevocable options allowing Canada to extend the term of the contract.
- (c) There are security requirements associated with this requirement. For additional information, consult Part 6 - Security, Financial and Other Requirements, and Part 7 – Resulting Contract Clauses. For more information on personnel and organization security screening or security

clauses, Bidders should refer to the, Industrial Security Program (ISP) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website.

- (d) The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), the Canada-Chile Free Trade Agreement (CCFTA), the Canada-Peru Free Trade Agreement (CPFTA), the Canada-Colombia Free Trade Agreement (CCoIFTA), and the Canada-Panama Free Trade Agreement (CPanFTA), and the Agreement on Internal Trade (AIT).
- (e) The Federal Contractor's Program (FCP) for employment equity applies to this procurement; see Part 5 – Certifications, Part 7 – Resulting Contract Clauses and the attachment titled "Federal Contractor's Program for Employment Equity – Certification."
- (f) Only TBIPS SA Holders currently holding a TBIPS SA for Tier 2, in the Western 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.
- (h) The Resource Categories described below are required on an as and when requested basis in accordance with the TBIPS SA Annex "A":

RESOURCE CATEGORY	LEVEL OF EXPERTISE	ESTIMATED NUMBER OF RESOURCES REQUIRED	ESTIMATED LEVEL OF EFFORT
P.9 Project Manager	LEVEL 2	1	220 days
B.1 Business Analyst	LEVEL 2	1	220 days
B.13 Operations Support Specialist	LEVEL 3	1	220 days
I.4 Database/IM Modeller	LEVEL 2	1	220 days
A.1 Application/Software Architect	LEVEL 3	1	220 days
A.6 Programmer/Software Developer	LEVEL 3	1	220 days
A.6 Programmer/Software Developer	LEVEL 2	1	220 days
A.10 Test Coordinator	LEVEL 2	1	220 days
A.11 Tester	LEVEL 2	1	220 days

1.3 Debriefings

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

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

- (a) All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.
- (b) Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract(s).
- (c) The 2003 (27/04/2017) Standard Instructions - Goods or Services - Competitive Requirements are incorporated by reference into and form part of the bid solicitation. If there is a conflict between the provisions of 2003 and this document, this document prevails.
- (d) Subsection 3.a) of Section 01, Integrity Provisions - Bid of Standard Instructions 2003 incorporated by reference above is deleted in its entirety and replaced with the following:
 - a. at the time of submitting an arrangement under the Request for Supply Arrangement (RFSA), the Bidder has already provided a list of names, as requested under the *Ineligibility and Suspension Policy*. During this procurement process, the Bidder must immediately inform Canada in writing of any changes affecting the list of names.
- (e) Subsection 5(4) of 2003, Standard Instructions – Goods and Services – Competitive Requirements is amended as follows:
 - (i) Delete: 60 days
 - (ii) Insert: 180 days

2.2 Submission of Bids

- (a) Bids must be submitted only to the Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and at the PWGSC address indicated on page one of the bid solicitation.
- (b) Due to the nature of the bid solicitation, bids transmitted by facsimile or electronic mail to PWGSC will not be accepted.

2.3 Enquiries - Bid Solicitation

- (a) All enquiries must be submitted in writing to the Contracting Authority no later than five calendar days before the bid closing date. Enquiries received after that time may not be answered.
- (b) Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the questions or may request that the Bidder do so, so that the proprietary nature of the question is eliminated, and the enquiry can be answered with copies to all Bidders. Enquiries not submitted in a form that can be distributed to all Bidders may not be answered by Canada.

2.4 Former Public Servant

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

(b) Definitions

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

- (i). an individual;
- (ii). an individual who has incorporated;
- (iii). a partnership made of former public servants; or
- (iv). a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

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

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

(c) Former Public Servant in Receipt of a Pension

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

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

- (i). name of former public servant;
- (ii). date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites

as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

(d) Work Force Adjustment Directive

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

If so, the Bidder must provide the following information:

- (i). name of former public servant;
- (ii). conditions of the lump sum payment incentive;
- (iii). date of termination of employment;
- (iv). amount of lump sum payment;
- (v). rate of pay on which lump sum payment is based;
- (vi). period of lump sum payment including start date, end date and number of weeks;
- (vii). number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

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

2.5 Applicable Laws

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

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

2.6 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reasons for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority in accordance with the article entitled "Enquiries - Bid Solicitation". Canada will have the right to accept or reject any or all suggestions.

2.7 Volumetric Data

The estimated number of resources and level of effort have been provided to Bidders to assist them in preparing their bids. The inclusion of this data in this bid solicitation does not represent a commitment by Canada that Canada's future usage of the service identified in this bid solicitation will be consistent with this data. It is provided purely for information purposes.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

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

- (i) Section I: Technical Bid (4 hard copies) and one soft copy on USB key.
- (ii) Section II: Financial Bid (2 hard copies).
- (iii) Section III: Certifications not included in the Technical Bid (one hard copy).

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

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

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

- (i) use 8.5 x 11 inch (216 mm x 279 mm) paper;
- (ii) use a numbering system that corresponds to the bid solicitation;
- (iii) include a title page at the front of each volume of the bid that includes the title, date, bid solicitation number, bidder's name and address and contact information of its representative; and
- (iv) include a table of contents.

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

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

- (d) **Submission of Only One Bid:**

- (i) A Bidder, including related entities, will be permitted to submit only one bid in response to this bid solicitation. If a Bidder or any related entities participate in more than one bid (participating means being part of the Bidder, not being a subcontractor), Canada will provide those Bidders with 2 working days to identify the single bid to be considered by Canada. Failure to meet this deadline will result in all the affected bids being disqualified.
- (ii) For the purposes of this Article, regardless of the jurisdiction where any of the entities concerned is incorporated or otherwise formed as a matter of law (whether that entity is a natural person, corporation, partnership, etc), an entity will be considered to be "**related**" to a Bidder if:
 - (A) they are the same legal entity (i.e., the same natural person, corporation, partnership, limited liability partnership, etc.);

- (B) they are "related persons" or "affiliated persons" according to the Canada Income Tax Act;
- (C) the entities have now or in the two years before bid closing had a fiduciary relationship with one another (either as a result of an agency arrangement or any other form of fiduciary relationship); or
- (D) the entities otherwise do not deal with one another at arm's length, or each of them does not deal at arm's length with the same third party.
- (iii) Individual members of a joint venture cannot participate in another bid, either by submitting a bid alone or by participating in another joint venture.
- (e) Joint Venture Experience:
- (i) Where the Bidder is a joint venture with existing experience as that joint venture, it may submit the experience that it has obtained as that joint venture.
- Example: A bidder is a joint venture consisting of members L and O. A bid solicitation requires that the bidder demonstrate experience providing maintenance and help desk services for a period of 24 months to a customer with at least 10,000 users. As a joint venture (consisting of members L and O), the bidder has previously done the work. This bidder can use this experience to meet the requirement. If member L obtained this experience while in a joint venture with a third party N, however, that experience cannot be used because the third party N is not part of the joint venture that is bidding.
- (ii) A joint venture bidder may rely on the experience of one of its members to meet any given technical criterion of this bid solicitation.
- Example: A bidder is a joint venture consisting of members X, Y and Z. If a solicitation requires: (a) that the bidder have 3 years of experience providing maintenance service, and (b) that the bidder have 2 years of experience integrating hardware with complex networks, then each of these two requirements can be met by a different member of the joint venture. However, for a single criterion, such as the requirement for 3 years of experience providing maintenance services, the bidder cannot indicate that each of members X, Y and Z has one year of experience, totaling 3 years. Such a response would be declared non-responsive.
- (iii) Joint venture members cannot pool their abilities with other joint venture members to satisfy a single technical criterion of this bid solicitation. However, a joint venture member can pool its individual experience with the experience of the joint venture itself. Wherever substantiation of a criterion is required, the Bidder is requested to indicate which joint venture member satisfies the requirement. If the Bidder has not identified which joint venture member satisfies the requirement, the Contracting Authority will provide an opportunity to the Bidder to submit this information during the evaluation period. If the Bidder does not submit this information within the period set by the Contracting Authority, its bid will be declared non-responsive.
- Example: A bidder is a joint venture consisting of members A and B. If a bid solicitation requires that the bidder demonstrate experience providing resources for a minimum number of 100 billable days, the bidder may demonstrate that experience by submitting either:
- Contracts all signed by A;
 - Contracts all signed by B; or
 - Contracts all signed by A and B in joint venture, or
 - Contracts signed by A and contracts signed by A and B in joint venture, or
 - Contracts signed by B and contracts signed by A and B in joint venture.

That show in total 100 billable days.

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

3.2 Section I: Technical Bid

(a) The technical bid consists of the following:

- (i) **Bid Submission Form:** Bidders are requested to include the Bid Submission Form - Attachment "3.1" with their bids. It provides a common form in which bidders can provide information required for evaluation and contract award, such as a contact name and the Bidder's Procurement Business Number, etc. Using the form to provide this information is not mandatory, but it is recommended. If Canada determines that the information required by the Bid Submission Form is incomplete or requires correction, Canada will provide the Bidder with an opportunity to do so.
- (ii) **Security Clearance:** Bidders are requested to submit the following security information for each of the proposed resources with their bids on or before the bid closing date:

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

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

- (iii) **Substantiation of Technical Compliance:** The technical bid must substantiate the compliance with the specific articles of Attachment "4.1", which is the requested format for providing the substantiation. The substantiation must not simply be a repetition of the requirement(s), but must explain and demonstrate how the Bidder will meet the requirements and carry out the required Work. Simply stating that the Bidder or its proposed solution or resources comply is not sufficient. Where Canada determines that the substantiation is not complete, the Bidder will be considered non-responsive and disqualified. The substantiation may refer to additional documentation submitted with the bid - this information can be referenced in the "Bidder's Response" column of Attachment "4.1", where Bidders are requested to indicate where in the bid the reference material can be found, including the title of the document, and the page and paragraph numbers; where the reference is not sufficiently precise, Canada may request that the Bidder direct Canada to the appropriate location in the documentation.
- (iv) **Previous Similar Projects:** Where the bid must include a description of previous similar projects: (i) a project must have been completed by the Bidder itself (and cannot include the experience of any proposed subcontractor or any affiliate of the Bidder); (ii) a project must have been completed by the bid posting date; (iii) each project description must include, at minimum, the name and either the telephone number or e-mail address of a customer reference; and (iv) if more similar projects are provided than requested, Canada will decide in its discretion which projects will be evaluated. A project will be considered "similar" to the Work to be performed under any resulting contract if the project was for the performance of work that closely matches the TBIPS descriptions of the Resource Categories identified in Annex A. Work will be considered to "closely

match" if the work in the provided project is described in at least 50% of the points of responsibility listed in the description of the given Resource Category.

- (v) **For Proposed Resources:** The technical bid must include résumés for the resources as identified in Attachment "4.1". The same individual must not be proposed for more than one Resource Category. The Technical bid must demonstrate that each proposed individual meets the qualification requirements described (including any educational requirements, work experience requirements, and professional designation or membership requirements). With respect to the proposed resources:
- (A) Proposed resources may be employees of the Bidder or employees of a subcontractor, or these individuals may be independent contractors to whom the Bidder would subcontract a portion of the Work (refer to Part 5, Certifications).
 - (B) For educational requirements for a particular degree, designation or certificate, PWGSC will only consider educational programs that were successfully completed by the resource by the time of bid closing. If the degree, designation or certification was issued by an educational institution outside of Canada, the Bidder must provide a copy of the results of the academic credential assessment and qualification recognition service issued by an agency or organization recognized by the Canadian Information Centre for International Credentials (CICIC).
 - (C) For requirements relating to professional designation or membership, the resource must have the required designation or membership by the time of bid closing and must continue, where applicable, to be a member in good standing of the profession or membership throughout the evaluation period and Contract Period. Where the designation or membership must be demonstrated through a certification, diploma or degree, such document must be current, valid and issued by the entity specified in this solicitation. If the entity is not specified, the issuer must have been an accredited or otherwise recognized body, institution or entity at the time the document was issued. If the degree, diploma or certification was issued by an educational institution outside of Canada, the Bidder must provide a copy of the results of the academic credential assessment and qualification recognition service issued by an agency or organization recognized by the Canadian Information Centre for International Credentials (CICIC).
 - (D) For work experience, PWGSC will not consider experience gained as part of an educational program, except for experience gained through a formal co-operative program at a post-secondary institution.
 - (E) For any requirements that specify a particular time period (e.g., 2 years) of work experience, PWGSC will disregard any information about experience if the technical bid does not include the relevant dates (month and year) for the experience claimed (i.e., the start date and end date). Canada will evaluate only the duration that the resource actually worked on a project or projects (from his or her start date to end date), instead of the overall start and end date of a project or a combination of projects in which a resource has participated.
 - (F) For work experience to be considered by Canada, the technical bid must not simply indicate the title of the individual's position, but must demonstrate that the resource has the required work experience by explaining the responsibilities and work performed by the individual while in that position. In situations in which a proposed resource worked at the same time on more than one project, the duration of any overlapping time period will be counted only once toward any requirements that relate to the individual's length of experience.

(vi) **Customer Reference Contact Information:**

(A) The Bidder must provide customer references. The customer reference must each confirm, if requested by PWGSC, the facts identified in the Bidder's bid, as required by Attachment "4.1".

(B) The form of question to be used to request confirmation from customer references is as follows:

Sample Question to Customer Reference: "Has [the Bidder] provided your organization with [description of the services and, if applicable, description of any required time frame within which those services must have been provided]?"

Yes, the Bidder has provided my organization with the services described above.

No, the Bidder has not provided my organization with the services described above.

I am unwilling or unable to provide any information about the services described above.

(C) For each customer reference, the Bidder must, at a minimum, provide the name and either the telephone number or e-mail address for a contact person. If only the telephone number is provided, it will be used to call to request the e-mail address and the reference check will be done by e-mail.

Bidders are also requested to include the title of the contact person. It is the sole responsibility of the Bidder to ensure that it provides a contact who is knowledgeable about the services the Bidder has provided to its customer and who is willing to act as a customer reference. Crown references will be accepted.

3.3 Section II: Financial Bid

(a) **Pricing:** Bidders must submit their financial bid in accordance with the Pricing Schedule provided in Attachment "4.2". The total amount of Applicable Taxes must be shown separately, if applicable. Unless otherwise indicated, bidders must include a single, firm, all-inclusive per diem rate quoted in Canadian dollars in each cell requiring an entry in the pricing tables.

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

(i) the rate bid must not increase by more than 2% from one time period to the next, and

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

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

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

3.4 Section III: Certifications

It is a requirement that bidders submit the certifications identified under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria. There are several steps in the evaluation process, which are described below. Even though the evaluation and selection will be conducted in steps, the fact that Canada has proceeded to a later step does not mean that Canada has conclusively determined that the Bidder has successfully passed all the previous steps. Canada may conduct steps of the evaluation in parallel.
- (b) An evaluation team composed of representatives of the Client and PWGSC will evaluate the bids on behalf of Canada. Canada may hire any independent consultant, or use any Government resources, to evaluate any bid. Not all members of the evaluation team will necessarily participate in all aspects of the evaluation.
- (c) In addition to any other time periods established in the bid solicitation:
 - (i) **Requests for Clarifications:** If Canada seeks clarification or verification from the Bidder about its bid, the Bidder will have 2 working days (or a longer period if specified in writing by the Contracting Authority) to provide the necessary information to Canada. Failure to meet this deadline will result in the bid being declared non-responsive.
 - (ii) **Requests for Further Information:** If Canada requires additional information in order to do any of the following pursuant to the Section entitled "Conduct of Evaluation" in 2003, Standard Instructions - Goods or Services - Competitive Requirements:
 - (A) verify any or all information provided by the Bidder in its bid; or
 - (B) contact any or all references supplied by the Bidder (e.g., references named in the résumés of individual resources) to verify and validate any information submitted by the Bidder,the Bidder must provide the information requested by Canada within 2 working days of a request by the Contracting Authority.
 - (iii) **Extension of Time:** If additional time is required by the Bidder, the Contracting Authority may grant an extension in his or her sole discretion.

4.2 Technical Evaluation

- (a) **Mandatory Technical Criteria:**
 - (i) Each bid will be reviewed for compliance with the mandatory requirements of the bid solicitation. Any element of the bid solicitation that is identified specifically with the words "must" or "mandatory" is a mandatory requirement. Bids that do not comply with each and every mandatory requirement will be declared non-responsive and be disqualified.
 - (ii) The mandatory technical criteria are described in Attachment 4.1.
- (b) **Point-Rated Technical Criteria:**
 - (i) Each bid will be rated by assigning a score to the rated requirements, which are identified in the bid solicitation by the word "rated" or by reference to a score. Bidders who fail to submit complete bids with all the information requested by this bid solicitation will be rated accordingly.
 - (ii) The rated requirements are described in Attachment 4.1.

(c) **Number of Resources Evaluated:**

Only a certain number of resources per Resource Category will be evaluated as part of this bid solicitation as identified in Annex A. Additional Resources will only be assessed after contract award once specific tasks are requested of the Contractor. After contract award, the Task Authorization process will be in accordance with Part 7 – Resulting Contract Clauses, the Article titled “Task Authorization”. When a Task Authorization Form (TA Form) is issued, the Contractor will be requested to propose a resource to satisfy the specific requirement based on the TA Form’s Statement of Work. The proposed resource will then be assessed against the criteria identified in the Contract’s Statement of Work in accordance with Appendix C of Annex A.

(d) **Reference Checks:**

- (i) Whether or not to conduct reference checks is discretionary. However, if PWGSC chooses to conduct reference checks for any given rated or mandatory requirement, it will check the references for that requirement for all bidders who have not, at that point, been found non-responsive.
- (ii) For reference checks, Canada will conduct the reference check in writing by email. Canada will send all email reference check requests to contacts supplied by all the Bidders within 48-hour period using the email address provided in the bid. Canada will not award any points and/or a bidder will not meet the mandatory experience requirement (as applicable) unless the response is received within 5 working days of the date that Canada's email was sent.
- (iii) On the third working day after sending out the reference check request, if Canada has not received a response, Canada will notify the Bidder by email, to allow the Bidder to contact its reference directly to ensure that it responds to Canada within 5 working days. If the individual named by a Bidder is unavailable when required during the evaluation period, the Bidder may provide the name and email address of an alternate contact person from the same customer. Bidders will only be provided with this opportunity once for each customer, and only if the originally named individual is unavailable to respond (i.e., the Bidder will not be provided with an opportunity to submit the name of an alternate contact person if the original contact person indicates that he or she is unwilling or unable to respond). The Bidder will have 1 working day to submit the name of a new contact. That contact will again be given 5 working days to respond once Canada sends its reference check request.
- (iv) Wherever information provided by a reference differs from the information supplied by the Bidder, the information supplied by the reference will be the information evaluated.
- (v) Points will not be allocated and/or a bidder will not meet the mandatory experience requirement (as applicable) if (1) the reference customer states he or she is unable or unwilling to provide the information requested, or (2) the customer reference is not a customer of the Bidder itself (for example, the customer cannot be the customer of an affiliate of the Bidder instead of being a customer of the Bidder itself). Nor will points be allocated or a mandatory met if the customer is itself an affiliate or other entity that does not deal at arm's length with the Bidder.

4.3 Financial Evaluation

- (a) The financial evaluation will be conducted using the firm per diem rates provided by the responsive bid(s).
- (b) There are two possible financial evaluation methods for this requirement. The first method will be used if three or more bids are determined responsive (see (c) Financial Evaluation - Method A below). The second method will be used if fewer than three bids are determined responsive (see (d) Financial Evaluation - Method B below).

- (c) **Financial Evaluation - Method A:** The following financial evaluation method will be used if three or more bids are determined responsive:
- (i) **STEP 1 - ESTABLISHING THE LOWER AND UPPER MEDIAN BAND LIMITS FOR EACH PERIOD AND EACH RESOURCE CATEGORY:** The Contracting Authority will establish, for each period and each Resource Category, the median band limits based on the firm per diem rates provided by the technically responsive bids. For each such Resource Category the median will be calculated using the median function in Microsoft Excel and will represent a range that encompasses any rate to a value of minus (-) 20% of the median, and an upper median rate to a value of plus (+) 30% of the median. When an even number of technically responsive bids have been determined, an average of the middle two rates will be used to calculate the median band limits and for an odd number of technically responsive bids, the middle rate will be used.
 - (ii) **STEP 2 - POINTS ALLOCATION:** For each period and each Resource Category points will be allocated as follows:
 - (A) A Bidder's proposed firm per diem rate that is either lower than the established lower median band limit or higher than the established upper median band limit for that period and Resource Category will be allocated 0 points.
 - (B) A Bidder's proposed firm per diem rate falling within the upper and lower median band limits, for that period and Resource Category, will be allocated points using the following calculation, which will be rounded to two decimal places:

$$\frac{\text{Lowest proposed firm per diem rate within the median band limits}}{\text{Bidder's proposed firm per diem rate within the median band limits}} \times \text{Maximum Points Assigned at Table 1 below}$$
 - (C) A Bidder's proposed firm per diem rate falling within the established median band limits which is the lowest proposed firm per diem rate will be allocated the applicable maximum points assigned at Table 1 below.

TABLE 1 - MAXIMUM POINTS ASSIGNED						
RESOURCE CATEGORIES	INITIAL (1 YEAR) CONTRACT PERIOD	OPTION PERIOD 1	OPTION PERIOD 2	OPTION PERIOD 3	OPTION PERIOD 4	TOTAL POINTS
Project Manager - Level 2	150	100	150	100	100	600
Business Analyst - Level 2	300	300	275	275	275	1425
Operations Support Specialist - Level 3	225	225	225	225	225	1125
Database/IM Modeller – Level 2	200	120	120	120	120	680
Application/Software Architect – Level 3	300	300	300	300	300	1500
Programmer/Software Developer – Level 3	300	300	300	300	300	1500
Programmer/Software Developer – Level 2	220	220	220	220	220	1100
Test Coordinator – Level 2	120	120	120	120	120	600
Tester – Level 2	220	220	220	220	220	1100
TOTAL	2035	1905	1930	1880	1880	9630

- (iii) **STEP 3 - FINANCIAL SCORE:** Points allocated under STEP 2 for each period and Resource Category will be added together and rounded to two decimal places to produce

the Financial Score. Bidders will find below an example of a financial evaluation using Method A.

(iv) **EXAMPLE OF A FINANCIAL EVALUATION USING METHOD A**

TABLE 2 - EXAMPLE OF A FINANCIAL EVALUATION USING METHOD A:							
Resource Category	Max. Points	Bidder 1		Bidder 2		Bidder 3	
		Year 1	Year 2	Year 1	Year 2	Year 1	Year 2
Programmer	150 (75 pts. per year)	\$400.00	\$400.00	\$420.00	\$450.00	\$450.00	\$450.00
Business Analyst	100 (50 pts. per year)	\$600.00	\$600.00	\$600.00	\$620.00	\$650.00	\$820.00
Project Manager	50 (25 pts. per year)	\$555.00	\$900.00	\$750.00	\$800.00	\$700.00	\$800.00
TOTAL	300						

STEP 1 - Establishing the lower and upper median band limits for each year and each resource category

- (Median 1) For the Programmer Resource Category, the year 1 median would be \$420.00. The lower median band limit would be \$336.00 and higher median band limit would be \$546.00.
- (Median 2) For the Programmer Resource Category, the year 2 median would be \$450.00. The lower median band limit would be \$360.00 and higher median band limit would be \$585.00.
- (Median 3) For the Business Analyst Resource Category, the year 1 median would be \$600.00. The lower median band limit would be \$480.00 and higher median band limit would be \$780.00.
- (Median 4) For the Business Analyst Resource Category, the year 2 median would be \$620.00. The lower median band limit would be \$496.00 and higher median band limit would be \$806.00.
- (Median 5) For the Project Manager Resource Category, the year 1 median would be \$700.00. The lower median band limit would be \$560.00 and higher median band limit would be \$910.00.
- (Median 6) For the Project Manager Resource Category, the year 2 median would be \$800.00. The lower median band limit would be \$640.00 and higher median band limit would be \$1,040.00.

STEP 2 - Points Allocation:

Bidder 1:

- Programmer Year 1 = 75 points (lowest rate within the lower and upper median band limits)
- Programmer Year 2 = 75 points (lowest rate within the lower and upper median band limits)
- Business Analyst Year 1 = 50 points (lowest rate within the lower and upper median band limits)
- Business Analyst Year 2 = 50 points (lowest rate within the lower and upper median band limits)
- Project Manager Year 1 = 0 points (outside the lower and higher median band limits)
- Project Manager Year 2 = 22.22 points (based on the following calculation = (Lowest rate of \$800.00 / Bidder's proposed rate of \$900.00) Multiplied by 25 pts)

Bidder 2:

- Programmer Year 1 = 71.43 points (based on the following calculation = (Lowest rate of \$400.00 / Bidder's proposed rate of \$420.00) Multiplied by 75 pts)
- Programmer Year 2 = 66.67 points (based on the following calculation = (Lowest rate of \$400.00 / Bidder's proposed rate of \$450.00) Multiplied by 75 pts)
- Business Analyst Year 1 = 50 points (lowest price within the lower and upper median band limits)
- Business Analyst Year 2 = 48.39 points (based on the following calculation = (Lowest rate of \$600.00 / Bidder's proposed rate of \$620.00) Multiplied by 50 pts)

Project Manager Year 1 = 23.33 points (based on the following calculation = (Lowest rate of \$700.00 / Bidder's proposed rate of \$750.00) Multiplied by 25 pts)	
Project Manager Year 2 = 25 points (lowest price within the lower and upper median band limits)	
Bidder 3:	
Programmer Year 1 =	66.67 points (based on the following calculation = (Lowest rate of \$400.00 / Bidder's proposed rate of \$450.00) Multiplied by 75 pts)
Programmer Year 2 =	66.67 points (based on the following calculation = (Lowest rate of \$400.00 / Bidder's proposed rate of \$450.00) Multiplied by 75 pts)
Business Analyst Year 1 =	46.15 points (based on the following calculation = (Lowest rate of \$600.00 / Bidder's proposed rate of \$650.00) Multiplied by 75 pts)
Business Analyst Year 2 =	0 points (outside the lower and higher median band limits)
Project Manager Year 1 =	25 points (lowest price within the lower and upper median band limits)
Project Manager Year 2 =	25 points (lowest price within the lower and upper median band limits)
STEP 3 - Financial Score:	
Bidder 1:	$75 + 75 + 50 + 50 + 0 + 22.22 =$ Total Financial Score of 272.22 points out of a possible 300 points
Bidder 2:	$71.43 + 67.67 + 50 + 48.39 + 23.33 + 25 =$ Total Financial Score of 284.82 points out of a possible 300 points
Bidder 3:	$66.67 + 66.67 + 46.15 + 0 + 25 + 25 =$ Total Financial Score of 229.49 points out of a possible 300 points

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

(i) **STEP 1 - AVERAGE COMPARISON:** The following Step 1 will be part of the evaluation where there exist only two bids that are determined to be otherwise responsive. If there is only one bid, this step will not occur.

For each bid, the rates provided per Resource Category will be added together, and that total will be divided by the total number of Resource Categories, resulting in a Total Average Rate for each period. Once all the Total Average Rates are determined, Canada will determine the percentage difference between the two bids Total Average Rates (the Delta Percentage) for each given period using the following formula: Subtract the lower Total Average Rate from the higher Total Average Rate, then divide the result by the lower Total Average Rate (see example below). In the event that a Delta Percentage is greater than 30% for any given period, the bid that contained the higher Total Average Rate that generated that Delta Percentage will be considered non-responsive.

TABLE 3 - EXAMPLE OF THE AVERAGE COMPARISON IN METHOD B:				
STEP 1				
Resource Category	Bidder 1		Bidder 2	
	Year 1	Year 2	Year 1	Year 2
Programmer	\$800.00	\$800.00	\$850.00	\$900.00
Business Analyst	\$1,000.00	\$1,000.00	\$1,400.00	\$1,650.00
Project Manager	\$1,200.00	\$1,200.00	\$1,300.00	\$1,650.00
Total	\$3,000.00	\$3,000.00	\$3,550.00	\$4,200.00
Total Average Rate (Total divided by 3 Resource Categories)	\$1,000.00	\$1,000.00	\$1,183.33	\$1,400.00

lower	\$1,000.00	\$1,000.00		
higher			\$1,183.33	\$1,400.00
higher minus lower divided by lower equals a Delta Percentage			18.3%	40%

In the above example, Bidder 2 would be considered non-responsive because its bid contained a higher Total Average Rate that generated a Delta Percentage greater than 30%.

(ii) **STEP 2 - POINTS ALLOCATION:** For each period and each Resource Category points will be allocated as follows:

(A) Points will be established based on the following calculation, with points rounded to two decimal places:

$$\frac{\text{Lowest proposed firm per diem rate}}{\text{Bidder's proposed firm per diem rate}} \times \text{Maximum Points Assigned at Table 4 below}$$

The Bidder with the lowest proposed firm per diem rate will be allocated the applicable maximum points assigned at Table 4 below.

TABLE 4 - MAXIMUM POINTS ASSIGNED						
RESOURCE CATEGORIES	INITIAL (1 YEAR) CONTRACT PERIOD	OPTION PERIOD 1	OPTION PERIOD 2	OPTION PERIOD 3	OPTION PERIOD 4	TOTAL POINTS
Project Manager - Level 2	150	100	150	100	100	600
Business Analyst - Level 2	300	300	275	275	275	1425
Operations Support Specialist - Level 3	225	225	225	225	225	1125
Database/IM Modeller – Level 2	200	120	120	120	120	680
Application/Software Architect – Level 3	300	300	300	300	300	1500
Programmer/Software Developer – Level 3	300	300	300	300	300	1500
Programmer/Software Developer – Level 2	220	220	220	220	220	1100
Test Coordinator – Level 2	120	120	120	120	120	600
Tester – Level 2	220	220	220	220	220	1100
TOTAL	2035	1905	1930	1880	1880	9630

(iii) **STEP 3 - FINANCIAL SCORE:** Points allocated under STEP 2, for each period and each Resource Category, will be added together and rounded to two decimal places to produce the Financial Score.

(e) Substantiation of Professional Services Rates

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

median rate bid by all responsive bidders for the relevant resource category or categories. If Canada requests price support, the Bidder must provide the following information:

- (i) an invoice (referencing a contract serial number or other unique contract identifier) that shows that the Bidder has provided and invoiced a customer (with whom the Bidder deals at arm's length) for services performed for that customer similar to the services that would be provided in the relevant resource category, where those services were provided for at least three months within the eighteen months before the date of this request for rate substantiation, and the fees charged were equal to or less than the rate offered to Canada;
- (ii) in relation to the invoice in (i), evidence from the Bidder's customer that the services identified in the invoice include at least 50% of the tasks listed in the Statement of Work for the category of resource being assessed for an unreasonably low rate. This evidence must consist of either a copy of the contract (which must describe the services to be provided and demonstrate that at least 50% of the tasks to be performed are the same as those to be performed under the Statement of Work in this bid solicitation) or the customer's signed certification that the services subject to the charges in the invoice included at least 50% of the same tasks to be performed under the Statement of Work in this bid solicitation; and
- (iii) the name, telephone number and, if available, e-mail address of a contact person at the customer who received each invoice submitted under (i), so that Canada may verify any information provided by the Bidder.

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

(f) **Formulae in Pricing Tables**

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

4.4 **Basis of Selection**

(a) **Evaluation of Bid**

Selection Process: The following selection process will be conducted:

- (i) A bid must comply with the requirements of the bid solicitation, meet all mandatory evaluation criteria and obtain the required pass marks for the point rated criteria identified in this bid solicitation to be declared responsive.
- (ii) The responsive bid that obtains the highest Total Bidder Score will be recommended for award of a contract. For any given Bidder, the greatest possible Total Technical Score is 60 while the greatest possible Total Financial Score is 40.
 - (A) Calculation of Total Technical Score: the Total Technical Score will be computed for each responsive bid by converting the Technical Score obtained for the point-rated technical criteria using the following formula, rounded to two decimal places:
$$\frac{\text{Technical Score}}{\text{Maximum Technical Points (Bidders, please refer to the maximum technical points at Attachment 4.1)}} \times 60 = \text{Total Technical Score}$$

- (B) Calculation of Total Financial Score: the Total Financial Score will be computed for each responsive bid by converting the Financial Score obtained for the financial evaluation using the following formula rounded to two decimal places:

$$\frac{\text{Financial Score}}{\text{Total Maximum Points Assigned (Bidders, please refer to the total maximum points assigned)}} \times 40 = \text{Total Financial Score}$$

- (C) Calculation of the Total Bidder Score: the Total Bidder Score will be computed for each responsive bid in accordance with the following formula:

$$\text{Total Technical Score} + \text{Total Financial Score} = \text{Total Bidder Score}$$

- (iii) In the event of identical Total Bidder Scores occurring, then the bid with the highest Total Technical Score will become the top-ranked bidder.
- (b) **Contract Funding Allocation:** Where one contract is awarded, the amount of the Limitation of Expenditure will be determined at Canada's discretion.

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

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

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

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

5.1 Certifications Precedent to Contract Award and Additional Information

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

(a) Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list (http://www.labour.gc.ca/eng/standards_equity/eq/emp/fcp/list/inelig.shtml) available from Employment and Social Development Canada (ESDC) - Labour's website.

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

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

The Bidder must provide the Contracting Authority with a completed Attachment 5.1, Federal Contractors Program for Employment Equity - Certification, before contract award. If the Bidder is a Joint Venture, the Bidder must provide the Contracting Authority with a completed Attachment Federal Contractors Program for Employment Equity - Certification, for each member of the Joint Venture.

5.2 Additional Certifications Precedent to Contract Award

(a) Professional Services Resources

- (i)** By submitting a bid, the Bidder certifies that, if it is awarded a contract as a result of the bid solicitation, every individual proposed in its bid will be available to perform the Work as required by Canada's representatives and at the time specified in the bid solicitation or agreed to with Canada's representatives.
- (ii)** By submitting a bid, the Bidder certifies that all the information provided in the résumés and supporting material submitted with its bid, particularly the information pertaining to education, achievements, experience and work history, has been verified by the Bidder to be true and

accurate. Furthermore, the Bidder warrants that every individual proposed by the Bidder for the requirement is capable of performing the Work described in the resulting contract.

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

(b) **Certification of Language - English Essential**

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

(c) **Submission of Only One Bid**

By submitting a bid, the Bidder is certifying that it does not consider itself to be related to any other bidder.

PART 6 – SECURITY AND FINANCIAL REQUIREMENTS

6.1 Security Requirement

- (a) Before award of a contract, the following conditions must be met:
- (i) the Bidder must hold a valid organization security clearance as indicated in Part 7 - Resulting Contract Clauses;
 - (ii) the Bidder's proposed individuals requiring access to classified or protected information, assets or sensitive work site(s) must meet the security requirements as indicated in Part 7 - Resulting Contract Clauses; and
 - (iii) the Bidder must provide the name of all individuals who will require access to classified or protected information, assets or sensitive work sites.
- (b) Bidders are reminded to obtain the required security clearance promptly. Any delay in the award of a contract to allow the successful Bidder to obtain the required clearance will be at the entire discretion of the Contracting Authority.
- (c) For additional information on security requirements, Bidders should refer to the Industrial Security Program (ISP) of Public Works and Government Services Canada (<http://ssi-iss.tpsgc-pwgsc.gc.ca/index-eng.html>) website.
- (d) In the case of a joint venture bidder, each member of the joint venture must meet the security requirements.

6.2 Financial Capability

- (a) SACC Manual clause A9033T (2012/07/16) Financial Capability applies, except that subsection 3 is deleted and replaced with the following: "If the Bidder is a subsidiary of another company, then any financial information required by the Contracting Authority in 1(a) to (f) must be provided by each level of parent company, up to and including the ultimate parent company. The financial information of a parent company does not satisfy the requirement for the provision of the financial information of the Bidder; however, if the Bidder is a subsidiary of a company and, in the normal course of business, the required financial information is not generated separately for the subsidiary, the financial information of the parent company must be provided. If Canada determines that the Bidder is not financially capable but the parent company is, or if Canada is unable to perform a separate assessment of the Bidder's financial capability because its financial information has been combined with its parent's, Canada may, in its sole discretion, award the contract to the Bidder on the condition that the parent company grant a performance guarantee to Canada."
- (b) In the case of a joint venture bidder, each member of the joint venture must meet the financial capability requirements.

PART 7 - RESULTING CONTRACT CLAUSES

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

7.1 Requirement

- (a) _____ (the "**Contractor**") agrees to supply to the Client the services described in the Contract, including the Statement of Work, in accordance with, and at the prices set out in, the Contract. This includes providing professional services as and when requested by Canada, to one or more locations to be designated by Canada, excluding any locations in areas subject to any of the Comprehensive Land Claims Agreements.
- (b) **Client:** Under the Contract, the "**Client**" is the Department of Agriculture and Agri-Food Canada (AAFC).
- (c) **Reorganization of Client:** The Contractor's obligation to perform the Work will not be affected by (and no additional fees will be payable as a result of) the renaming, reorganization, reconfiguration, or restructuring of any Client. The reorganization, reconfiguration and restructuring of the Client includes the privatization of the Client, its merger with another entity, or its dissolution, where that dissolution is followed by the creation of another entity or entities with mandates similar to the original Client. In connection with any form of reorganization, Canada may designate another department or government body as the Contracting Authority or Project Authority, as required to reflect the new roles and responsibilities associated with the reorganization.
- (d) **Defined Terms:** Words and expressions defined in the General Conditions or Supplemental General Conditions and used in the Contract have the meanings given to them in the General Conditions or Supplemental General Conditions. Any reference to an Identified User in the Supply Arrangement is a reference to the Client. Also, any reference to a "deliverable" or "deliverables" includes all documentation outlined in this Contract. A reference to a "local office" of the Contractor means an office having at least one full time employee that is not a shared resource working at that location.

7.2 Task Authorization

- (a) **As-and-when-requested Task Authorizations:** The Work or a portion of the Work to be performed under the Contract will be on an "as-and-when-requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract. The Contractor must not commence work until a validly issued TA has been issued by Canada and received by the Contractor. The Contractor acknowledges that any work performed before such issuance and receipt will be done at the Contractor's own risk.
- (b) **Assessment of Resources Proposed at TA Stage:** Processes for issuing, responding to and assessing Task Authorizations are further detailed in Appendices A,B, C and D of Annex A.
- (c) **Form and Content of draft Task Authorization:**
 - (i) The Project Authority will provide the Contractor with a description of the task in a draft Task Authorization using the form specified in Appendix B to Annex A.
 - (ii) The draft Task Authorization will contain the details of the activities to be performed, and must also contain the following information:
 - (A) the task number;
 - (B) The date by which the Contractor's response must be received (which will appear in the draft Task Authorization, but not the issued Task Authorization);
 - (C) the details of any financial coding to be used;

- (D) the categories of resources and the number required;
 - (E) a description of the work for the task outlining the activities to be performed and identifying any deliverables (such as reports);
 - (F) the start and completion dates;
 - (G) milestone dates for deliverables and payments (if applicable);
 - (H) the number of person-days of effort required;
 - (I) whether the work requires on-site activities and the location;
 - (J) the language profile of the resources required;
 - (K) the level of security clearance required of resources;
 - (L) the price payable to the Contractor for performing the task, with an indication of whether it is a firm price or a maximum TA price (and, for maximum price task authorizations, the TA must indicate how the final amount payable will be determined; where the TA does not indicate how the final amount payable will be determined, the amount payable is the amount, up to the maximum, that the Contractor demonstrates was actually worked on the project, by submitting time sheets filled in at the time of the work by the individual resources to support the charges); and
 - (M) any other constraints that might affect the completion of the task.
- (d) **Contractor's Response to Draft Task Authorization:** The Contractor must provide to the Project Authority, 2 working days of receiving the draft Task Authorization (or within any longer time period specified in the draft TA), the proposed total price for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract. The Contractor's quotation must be based on the rates set out in the Contract. The Contractor will not be paid for preparing or providing its response or for providing other information required to prepare and validly issue the TA.
- (e) **Task Authorization Limit and Authorities for Validly Issuing Task Authorizations:**
To be validly issued, a TA must include the following signatures:
- (i) for any TA, inclusive of revisions, with a value less than or equal to \$300,000.00 (excluding Applicable Taxes), the TA must be signed by the Project Authority; and
 - (ii) for any TA with a value greater than this amount, a TA must be signed by the Project Authority and Contracting Authority.
- Any TA that does not bear the appropriate signature(s) is not validly issued by Canada. Any work performed by the Contractor without receiving a validly issued TA is done at the Contractor's own risk. If the Contractor receives a TA that is not appropriately signed, the Contractor must notify the Contracting Authority. By providing written notice to the Contractor, the Contracting Authority may suspend the Client's ability to issue TA's at any time, or reduce the dollar value threshold described in sub-article (i) above; any suspension or reduction notice is effective upon receipt.
- (f) **Periodic Usage Reports:**
- (i) The Contractor must compile and maintain records on its provision of services to the federal government under Task Authorizations validly issued under the Contract. The Contractor must provide this data to Canada in accordance with the reporting requirements detailed below. If some data is not available, the reason must be indicated. If services are not provided during a given period, the Contractor must still provide a "NIL" report. The data must be submitted on a quarterly basis to the Contracting Authority. From time to time, the Contracting Authority may also require an interim report during a reporting period.

(ii) The quarterly periods are defined as follows:

- (A) 1st quarter: April 1 to June 30;
- (B) 2nd quarter: July 1 to September 30;
- (C) 3rd quarter: October 1 to December 31; and
- (D) 4th quarter: January 1 to March 31.

The data must be submitted to the Contracting Authority no later than 10 calendar days after the end of the reporting period.

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

- (A) the Task Authorization number and the Task Authorization Revision number(s), if applicable;
- (B) a title or a brief description of each authorized task;
- (C) the name, Resource category and level of each resource involved in performing the TA, as applicable;
- (D) the total estimated cost specified in the validly issued TA of each task, exclusive of Applicable Taxes;
- (E) the total amount, exclusive of Applicable Taxes, expended to date against each authorized task;
- (F) the start and completion date for each authorized task; and
- (G) the active status of each authorized task, as applicable (e.g., indicate whether work is in progress or if Canada has cancelled or suspended the TA, etc.).

(iv) Each report must also contain the following cumulative information for all the validly issued TA's (as amended):

- (A) the amount, exclusive of Applicable Taxes, specified in the Contract (as last amended, as applicable) as Canada's total liability to the Contractor for all validly issued TA's; and
- (B) the total amount, exclusive of Applicable Taxes, expended to date against all validly issued TA's.

(g) **Refusal of Task Authorizations or Submission of a Response which is not Valid:** The Contractor is not required to submit a response to every draft TA sent to it by Canada. However, in addition to Canada's other rights to terminate the Contract, Canada may immediately, and without further notice, terminate the Contract for default in accordance with the General Conditions if the Contractor in at least three instances has either not responded or has not submitted a valid response when sent a draft TA. For greater clarity, each draft TA, which is identifiable by its task number, will only count as one instance. A valid response is one that is submitted within the required time period and meets all requirements of the draft TA issued, including proposing the required number of resources who each meet the minimum experience and other requirements of the categories identified in the draft TA at pricing not exceeding the rates set out in Annex B.

7.3 Minimum Work Guarantee

(a) In this clause,

- (i) **"Maximum Contract Value"** means the amount specified in the **"Limitation of Expenditure"** clause set out in the Contract (excluding Applicable Taxes); and
- (ii) **"Minimum Contract Value"** means \$20,000.00.

- (b) Canada's obligation under the Contract is to request Work in the amount of the Minimum Contract Value or, at Canada's option, to pay the Contractor at the end of the Contract in accordance with sub-article (c), subject to sub-article (d). In consideration of such obligation, the Contractor agrees to stand in readiness throughout the Contract Period to perform the Work described in the Contract. Canada's maximum liability for work performed under the Contract must not exceed the Maximum Contract Value, unless an increase is authorized in writing by the Contracting Authority.
- (c) In the event that Canada does not request work in the amount of the Minimum Contract Value during the Contract Period, Canada must pay the Contractor the difference between the Minimum Contract Value and the total cost of the Work requested.
- (d) Canada will have no obligation to the Contractor under this article if Canada terminates the entire Contract
 - (i) for default;
 - (ii) for convenience as a result of any decision or recommendation of a tribunal or court that the contract be cancelled, re-tendered or awarded to another supplier; or
 - (iii) for convenience within ten business days of Contract award.

7.4 Standard Clauses and Conditions

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

(a) **General Conditions:**

- (i) 2035 (2016/04/04), General Conditions - Higher Complexity - Services, apply to and form part of the Contract.

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

- 4. The total of the amounts, to which the Contractor is entitled to be paid under this section, together with any amounts paid, due or becoming due to the Contractor must not exceed the Contract Price.
- 5. Where the Contracting Authority terminates the entire Contract and the Articles of Agreement include a Minimum Work Guarantee, the total amount to be paid to the Contractor under the Contract will not exceed the greater of:
 - (a) the total amount the Contractor may be paid under this section, together with any amounts paid, becoming due other than payable under the Minimum Revenue Guarantee, or due to the Contractor as of the date of termination, or
 - (b) the amount payable under the Minimum Work Guarantee, less any amounts paid, due or otherwise becoming due to the Contractor as of the date of termination.
- 6. The Contractor will have no claim for damages, compensation, loss of profit, allowance arising out of any termination notice given by Canada under this section except to the extent that this section expressly provides. The Contractor agrees to repay immediately to Canada the portion of any advance payment that is unliquidated at the date of the termination.

(b) **Supplemental General Conditions:**

The following Supplemental General Conditions:

- (i) 4002 (2010/08/16), Supplemental General Conditions - Software Development or Modification Services;

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

apply to and form part of the Contract.

7.5 Security Requirement

The following security requirements (SRCL #19 and related clauses provided by ISP) as set out under Annex "B" to the Supply Arrangement, applies to and forms part of the Contract.

Security Requirement for Canadian Supplier: PWGSC File #Common-PS SRCL#19

1. The Contractor must, at all times during the performance of the Contract, hold a valid Facility Security Clearance at the level of **SECRET**, issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor personnel requiring access to PROTECTED/CLASSIFIED information, assets or sensitive work site(s) must EACH hold a valid personnel security screening at the level of **SECRET** as required, granted or approved by CISD/PWGSC.
3. The Contractor MUST NOT remove any PROTECTED/CLASSIFIED information from the identified work site(s), and the Contractor must ensure that its personnel are made aware of and comply with this restriction.
4. Subcontracts which contain security requirements are NOT to be awarded without the prior written permission of CISD/PWGSC.
5. The Contractor must comply with the provisions of the:
 - a. Security Requirements Check List and security guide (if applicable), attached at Annex C;
 - b. *Industrial Security Manual* (Latest Edition).

7.6 Contract Period

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

- (i) The "**Initial Contract Period**", which begins on the date the Contract is awarded and ends one year later; and
- (ii) The period during which the Contract is extended, if Canada chooses to exercise any options set out in the Contract.

- (b) **Option to Extend the Contract:**

- (i) The Contractor grants to Canada the irrevocable option to extend the term of the Contract by up to four additional one-year period(s) under the same terms and conditions. The Contractor agrees that, during the extended period of the Contract, it will be paid in accordance with the applicable provisions set out in the Basis of Payment.
- (ii) Canada may exercise this option at any time by sending a written notice to the Contractor before the expiry date of the Contract. The option may only be exercised by the Contracting Authority, and will be evidenced, for administrative purposes only, through a contract amendment.

7.7 Authorities

- (a) **Contracting Authority**

The Contracting Authority for the Contract is:

Name: Silvana Mansour
Title: Supply Specialist
Public Works and Government Services Canada
Acquisitions Branch

Directorate: Informatics and Telecommunications Systems Procurement Directorate
Address: 11 Laurier St., Gatineau, Québec
Telephone: 873-469-4986
Facsimile: 819- 956-5925
E-mail address: Silvana.b.mansour@tpsgc-pwgsc.gc.ca

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

(b) Project Authority

The Project Authority for the Contract is:

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

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

(c) Contractor's Representative

TBD

7.8 Proactive Disclosure of Contracts with Former Public Servants

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

7.9 Payment

(a) Basis of Payment

- (i) **Professional Services provided under a Task Authorization with a Maximum Price:** For professional services requested by Canada, in accordance with a validly issued Task Authorization, Canada will pay the Contractor, in arrears, up to the Maximum Price for the TA, for actual time worked and any resulting deliverables in accordance with the firm all-inclusive per diem rates set out in Annex B, Basis of Payment, Applicable Taxes extra. Partial days will be prorated based on actual hours worked based on a 7.5-hour workday.
- (ii) **Competitive Award:** The Contractor acknowledges that the Contract has been awarded as a result of a competitive process. No additional charges will be allowed to compensate for errors, oversights, misconceptions or underestimates made by the Contractor when bidding for the Contract.
- (iii) **Professional Services Rates:** In Canada's experience, bidders from time to time propose rates at the time of bidding for one or more Resource Categories that they later refuse to honour, on the basis that these rates do not allow them to recover their own costs and/or make a profit. This denies Canada of the benefit of the awarded contract. If

the Contractor does not respond or refuses to provide an individual with the qualifications described in the Contract within the time described in the Contract (or proposes instead to provide someone from an alternate category at a different rate), whether or not Canada terminates the Contract as a whole or in part or chooses to exercise any of the rights provided to it under the general conditions, Canada may impose sanctions or take other measures in accordance with the PWGSC Vendor Performance Corrective Measure Policy (or equivalent) then in effect, which measures may include an assessment that results in conditions applied against the Contractor to be fulfilled before doing further business with Canada, or full debarment of the Contractor from bidding on future requirements.

(b) **Limitation of Expenditure – Cumulative Total of all Task Authorizations**

- (i) Canada's total liability to the Contractor under the Contract for all validly issued Task Authorizations (TAs), inclusive of any revisions, must not exceed the amount set out on page 1 of the Contract, less any Applicable taxes. With respect to the amount set out on page 1 of the Contract, Customs duties are excluded and Applicable Taxes are included
- (ii) No increase in the total liability of Canada will be authorized or paid to the Contractor unless an increase has been approved, in writing, by the Contracting Authority.
- (iii) The Contractor must notify the Contracting Authority in writing as to the adequacy of this sum:
 - (A) when it is 75 percent committed, or
 - (B) 4 months before the contract expiry date, or
 - (C) As soon as the Contractor considers that the sum is inadequate for the completion of the Work required in all authorized TAs, inclusive of any revisions, whichever comes first.
- (i) If the notification is for inadequate contract funds, the Contractor must provide to the Contracting Authority a written estimate for the additional funds required. Providing this information does not increase Canada's liability.

(c) **Method of Payment for Task Authorizations with a Maximum Price:** For each Task Authorization validly issued under the Contract that contains a maximum price:

- (i) Canada will pay the Contractor no more frequently than once a month in accordance with the Basis of Payment. The Contractor must submit time sheets for each resource showing the days and hours worked to support the charges claimed in the invoice.
- (ii) Once Canada has paid the maximum TA price, Canada will not be required to make any further payment, but the Contractor must complete all the work described in the TA, all of which is required to be performed for the maximum TA price. If the work described in the TA is completed in less time than anticipated, and the actual time worked (as supported by the time sheets) at the rates set out in the Contract is less than the maximum TA price, Canada is only required to pay for the time spent performing the work related to that TA.

(d) **Time Verification**

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

(e) **Payment Credits**

- (i) **Failure to Provide Resource:**
 - (A) If the Contractor does not provide a required professional services resource that has all the required qualifications within the time prescribed by the Contract, the

Contractor must credit to Canada an amount equal to the per diem rate (based on a 7.5-hour workday) of the required resource for each day (or partial day) of delay in providing the resource, up to a maximum of 10 days.

- (B) **Corrective Measures:** If credits are payable under this Article for two consecutive months or for three months in any 12-month period, the Contractor must submit a written action plan describing measures it will implement or actions it will undertake to eliminate the recurrence of the problem. The Contractor will have five working days to deliver the action plan to the Client and the Contracting Authority and 20 working days to rectify the underlying problem.
- (C) **Termination for Failure to Meet Availability Level:** In addition to any other rights it has under the Contract, Canada may terminate the Contract for default in accordance with the General Conditions by giving the Contractor three months' written notice of its intent, if any of the following apply:
- (1) the total amount of credits for a given monthly billing cycle reach a level of 10% of the total billing for that month; or
 - (2) the corrective measures required of the Contractor described above are not met.

This termination will be effective when the three month notice period expires, unless Canada determines that the Contractor has implemented the corrective measures to Canada's satisfaction during those three months.

- (ii) **Credits Apply during Entire Contract Period:** The Parties agree that the credits apply throughout the Contract Period.
- (iii) **Credits represent Liquidated Damages:** The Parties agree that the credits are liquidated damages and represent their best pre-estimate of the loss to Canada in the event of the applicable failure. No credit is intended to be, nor will it be construed as, a penalty.
- (iv) **Canada's Right to Obtain Payment:** The Parties agree that these credits are a liquidated debt. To collect the credits, Canada has the right to hold back, draw back, deduct or set off from and against any money Canada owes to the Contractor from time to time.
- (v) **Canada's Rights & Remedies not Limited:** The Parties agree that nothing in this Article limits any other rights or remedies to which Canada is entitled under the Contract (including the right to terminate the Contract for default) or under the law generally.
- (vi) **Audit Rights:** The Contractor's calculation of credits under the Contract is subject to verification by government audit, at the Contracting Authority's discretion, before or after payment is made to the Contractor. The Contractor must cooperate fully with Canada during the conduct of any audit by providing Canada with access to any records and systems that Canada considers necessary to ensure that all credits have been accurately credited to Canada in the Contractor's invoices. If an audit demonstrates that past invoices contained errors in the calculation of the credits, the Contractor must pay to Canada the amount the audit reveals was required to be credited to Canada, plus interest, from the date Canada remitted the excess payment until the date of the refund (the interest rate is the Bank of Canada's discount annual rate of interest in effect on the date the credit was first owed to Canada, plus 1.25% per year). If, as a result of conducting an audit, Canada determines that the Contractor's records or systems for identifying, calculating or recording the credits are inadequate, the Contractor must implement any additional measures required by the Contracting Authority.

- (f) **No Responsibility to Pay for Work not performed due to Closure of Government Offices**
- (i) Where the Contractor, its employees, subcontractors, or agents are providing services on government premises under the Contract and those premises are inaccessible because of the evacuation or closure of government offices, and as a result no work is performed, Canada is not responsible for paying the Contractor for work that otherwise would have been performed if there had been no evacuation or closure.
 - (ii) If, as a result of any strike or lock-out, the Contractor or its employees, subcontractors or agents cannot obtain access to government premises and, as a result, no work is performed, Canada is not responsible for paying the Contractor for work that otherwise would have been performed if the Contractor had been able to gain access to the premises

7.10 Invoicing Instructions

- (a) The Contractor must submit invoices in accordance with the information required in the General Conditions.
- (b) The Contractor's invoice must include a separate line item for each subparagraph in the Basis of Payment provision, and must show all applicable Task Authorization numbers.
- (c) By submitting invoices, the Contractor is certifying that the goods and services have been delivered and that all charges are in accordance with the Basis of Payment provision of the Contract, including any charges for work performed by subcontractors.
- (d) The Contractor must provide the original and two copies of each invoice to the Project Authority, and a copy to the Contracting Authority.

7.11 Certifications

- (a) The continuous compliance with the certifications provided by the Contractor in its bid, any TA quotation and the ongoing cooperation in providing additional information are conditions of the Contract. Certifications are subject to verification by Canada during the entire Contract Period. If the Contractor does not comply with any certification, or fails to provide the additional information, or if it is determined that any certification made by the Contractor in its bid is untrue, whether made knowingly or unknowingly, Canada has the right, pursuant to the default provision of the Contract, to terminate the Contract for default.

7.12 Federal Contractors Program for Employment Equity - Default by Contractor

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

7.13 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in _____. *(insert the name of the province or territory as specified by the Bidder in its bid, if applicable.)*

7.14 Priority of Documents

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

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

- (b) Supplemental General Conditions, in the following order:
 - (i) 4002 (2010/08/16), Supplemental General Conditions - Software Development or Modification Services;
 - (ii) 4006 (2010/08/16), Supplemental General Conditions - Contractor to Own Intellectual Property Rights in Foreground Information.
- (c) General Conditions 2035 (2016/04/04), Higher Complexity - Services;
- (d) Annex A, Statement of Work - Annex A including its Appendices as follows:
 - (i) Appendix A to Annex A - Tasking Assessment Procedure;
 - (ii) Appendix B to Annex A - Task Authorization (TA) Form;
 - (iii) Appendix C to Annex A - Resource Assessment Criteria and Response Table;
 - (iv) Appendix D to Annex A - Certifications at the TA stage;
- (e) Annex B, Basis of Payment;
- (f) Annex C, Security Requirements Check List;
- (g) the validly issued Task Authorizations and any required certifications; and
- (h) the Contractor's bid dated _____ (insert date of bid) (if the bid was clarified or amended, insert the time of contract award), as clarified on _____ "or" as amended _____ (insert date(s) of clarification(s) or amendment(s) if applicable.)

7.15 Foreign Nationals (Canadian Contractor)

- (a) SACC Manual clause A2000C (2006/06/16) Foreign Nationals (Canadian Contractor)

Note to Bidders: Either this clause or the one that follows, whichever applies (based on whether the successful Bidder is a Canadian Contractor or Foreign Contractor), will be included in any resulting contract.

7.16 Foreign Nationals (Foreign Contractor)

- (a) SACC Manual clause A2001C (2006/06/16) Foreign Nationals (Foreign Contractor)

7.17 Insurance Requirements

(a) Compliance with Insurance Requirements

- (i) The Contractor must comply with the insurance requirements specified in this Article. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.
- (ii) The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.
- (iii) The Contractor should forward to the Contracting Authority within ten (10) days after the date of award of the Contract a Certificate of Insurance evidencing the insurance coverage. Coverage must be placed with an Insurer licensed to carry out business in Canada and the Certificate of Insurance must confirm that the insurance policy complying with the requirements is in force. If the Certificate of Insurance has not been completed and submitted as requested, the Contracting Authority will so inform the Contractor and provide the Contractor with a time frame within which to meet the requirement. Failure to comply with the request of the Contracting Authority and meet the requirement within the

time period will constitute a default under the General Conditions. The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

(b) **Commercial General Liability Insurance**

- (i) The Contractor must obtain Commercial General Liability Insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$2,000,000 per accident or occurrence and in the annual aggregate.
- (ii) The Commercial General Liability policy must include the following:
 - (A) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, as represented by Public Works and Government Services Canada.
 - (B) Bodily Injury and Property Damage to third parties arising out of the operations of the Contractor.
 - (C) Products and Completed Operations: Coverage for bodily injury or property damage arising out of goods or products manufactured, sold, handled, or distributed by the Contractor and/or arising out of operations that have been completed by the Contractor.
 - (D) Personal Injury: While not limited to, the coverage must include Violation of Privacy, Libel and Slander, False Arrest, Detention or Imprisonment and Defamation of Character.
 - (E) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - (F) Blanket Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - (G) Employees and, if applicable, Volunteers must be included as Additional Insured.
 - (H) Employers' Liability (or confirmation that all employees are covered by Worker's compensation (WSIB) or similar program)
 - (I) Broad Form Property Damage including Completed Operations: Expands the Property Damage coverage to include certain losses that would otherwise be excluded by the standard care, custody or control exclusion found in a standard policy.
 - (J) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - (K) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - (L) Owners' or Contractors' Protective Liability: Covers the damages that the Contractor becomes legally obligated to pay arising out of the operations of a subcontractor.
 - (M) Advertising Injury: While not limited to, the endorsement must include coverage for piracy or misappropriation of ideas, or infringement of copyright, trademark, title or slogan.

(c) **Errors and Omissions Liability Insurance**

- (i) The Contractor must obtain Errors and Omissions Liability (a.k.a. Professional Liability) insurance, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature but for not less than \$1,000,000 per loss and in the annual aggregate, inclusive of defence costs.
- (ii) If the Professional Liability insurance is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
- (iii) The following endorsement must be included:

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

7.18 Limitation of Liability - Information Management/Information Technology

- (a) This section applies despite any other provision of the Contract and replaces the section of the general conditions entitled "Liability". Any reference in this section to damages caused by the Contractor also includes damages caused by its employees, as well as its subcontractors, agents, and representatives, and any of their employees. This section applies regardless of whether the claim is based in contract, tort, or another cause of action. The Contractor is not liable to Canada with respect to the performance of or failure to perform the Contract, except as described in this section and in any section of the Contract pre-establishing any liquidated damages. The Contractor is only liable for indirect, special or consequential damages to the extent described in this Article, even if it has been made aware of the potential for those damages.
- (b) **First Party Liability:**
 - (i) The Contractor is fully liable for all damages to Canada, including indirect, special or consequential damages, caused by the Contractor's performance or failure to perform the Contract that relate to:
 - (A) any infringement of intellectual property rights to the extent the Contractor breaches the section of the General Conditions entitled "Intellectual Property Infringement and Royalties";
 - (B) physical injury, including death.
 - (ii) The Contractor is liable for all direct damages caused by the Contractor's performance or failure to perform the Contract affecting real or tangible personal property owned, possessed, or occupied by Canada.
 - (iii) Each of the Parties is liable for all direct damages resulting from any breach of confidentiality under the Contract. Each of the Parties is also liable for all indirect, special or consequential damages in respect of any unauthorized disclosure of the other Party's trade secrets (or trade secrets of a third party provided by one Party to another under the Contract) relating to information technology.
 - (iv) The Contractor is liable for all direct damages relating to any encumbrance or claim relating to any portion of the Work for which Canada has made any payment. This does not apply to encumbrances or claims relating to intellectual property rights, which are addressed under (i)(A) above.
 - (v) The Contractor is also liable for any other direct damages to Canada caused by the Contractor's performance or failure to perform the Contract that relate to:
 - (A) any breach of the warranty obligations under the Contract, up to the total amount paid by Canada (including any applicable taxes) for the goods and services affected by the breach of warranty; and

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

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

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

(c) **Third Party Claims:**

- (i) Regardless of whether a third party makes its claim against Canada or the Contractor, each Party agrees that it is liable for any damages that it causes to any third party in connection with the Contract as set out in a settlement agreement or as finally determined by a court of competent jurisdiction, where the court determines that the Parties are jointly and severally liable or that one Party is solely and directly liable to the third party. The amount of the liability will be the amount set out in the settlement agreement or determined by the court to have been the Party's portion of the damages to the third party. No settlement agreement is binding on a Party unless its authorized representative has approved the agreement in writing.
- (ii) If Canada is required, as a result of joint and several liability or joint and solidarily liable, to pay a third party in respect of damages caused by the Contractor, the Contractor must reimburse Canada by the amount finally determined by a court of competent jurisdiction to be the Contractor's portion of the damages to the third party. However, despite Sub-article (i), with respect to special, indirect, and consequential damages of third parties covered by this Section, the Contractor is only liable for reimbursing Canada for the Contractor's portion of those damages that Canada is required by a court to pay to a third party as a result of joint and several liability that relate to the infringement of a third party's intellectual property rights; physical injury of a third party, including death; damages affecting a third party's real or tangible personal property; liens or encumbrances on any portion of the Work; or breach of confidentiality.
- (iii) The Parties are only liable to one another for damages to third parties to the extent described in this Sub-article (c).

7.19 Joint Venture Contractor

- (a) The Contractor confirms that the name of the joint venture is [REDACTED] and that it is comprised of the following members: *[list all the joint venture members named in the Contractor's original bid]*.
- (b) With respect to the relationship among the members of the joint venture Contractor, each member agrees, represents and warrants (as applicable) that:
- (i) [REDACTED] has been appointed as the "representative member" of the joint venture Contractor and has fully authority to act as agent for each member regarding all matters relating to the Contract;
- (ii) by giving notice to the representative member, Canada will be considered to have given notice to all the members of the joint venture Contractor; and

- (iii) all payments made by Canada to the representative member will act as a release by all the members.
- (c) All the members agree that Canada may terminate the Contract in its discretion if there is a dispute among the members that, in Canada's opinion, affects the performance of the Work in any way.
- (d) All the members are jointly and severally or solidarily liable for the performance of the entire Contract.
- (e) The Contractor acknowledges that any change in the membership of the joint venture (i.e., a change in the number of members or the substitution of another legal entity for an existing member) constitutes an assignment and is subject to the assignment provisions of the General Conditions.
- (f) The Contractor acknowledges that all security and controlled goods requirements in the Contract, if any, apply to each member of the joint venture Contractor.

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

7.20 Professional Services - General

- (a) The Contractor must provide professional services on request as specified in this Contract. All resources provided by the Contractor must meet the qualifications described in the Contract (including those relating to previous experience, professional designation, education, language proficiency and security clearance) and must be competent to provide the required services by any delivery dates described in the Contract.
- (b) If the Contractor fails to deliver any deliverable (excluding delivery of a specific individual) or complete any task described in the Contract on time, in addition to any other rights or remedies available to Canada under the Contract or the law, Canada may notify the Contractor of the deficiency, in which case the Contractor must submit a written plan to the Project Authority within ten working days detailing the actions that the Contractor will undertake to remedy the deficiency. The Contractor must prepare and implement the plan at its own expense.
- (c) In General Conditions 2035, the Article titled "Replacement of Specific Individuals" is deleted and the following applies instead:

Replacement of Specific Individuals

- (i) If the Contractor is unable to provide the services of any specific individual identified in the Contract to perform the services, the Contractor must within five working days of having this knowledge, the individual's departure or failure to commence Work (or, if Canada has requested the replacement, within ten working days of Canada's notice of the requirement for a replacement) provide to the Contracting Authority:
 - (A) the name, qualifications and experience of a proposed replacement immediately available for Work; and
 - (B) security information on the proposed replacement as specified by Canada, if applicable.

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

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

- (A) exercise Canada's rights or remedies under the Contract or at law, including terminating the Contract in whole or in part for default under the Article titled "Default of the Contractor", or
- (B) assess the information provided under (c) (i) above or, if it has not yet been provided, require the Contractor to propose a replacement to be rated by the Project Authority. The replacement must have qualifications and experience that are similar or exceed those obtained for the original resource and be acceptable to Canada. Upon assessment of the replacement, Canada may accept the replacement, exercise the rights in (ii) (A) above, or require another replacement in accordance with this sub-article (c).

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

- (iii) The Contractor must not, in any event, allow performance of the Work by unauthorized replacement persons. The Contracting Authority may order that an original or replacement resource stop performing the Work. In such a case, the Contractor must immediately comply with the order. The fact that the Contracting Authority does not order a resource to stop performing the Work does not relieve the Contractor from its responsibility to meet the requirements of the Contract.
- (iv) The obligations in this article apply despite any changes that Canada may have made to the Client's operating environment.

7.21 Safeguarding Electronic Media

- (a) Before using them on Canada's equipment or sending them to Canada, the Contractor must use a regularly updated product to scan electronically all electronic media used to perform the Work for computer viruses and other coding intended to cause malfunctions. The Contractor must notify Canada if any electronic media used for the Work are found to contain computer viruses or other coding intended to cause malfunctions.
- (b) If magnetically recorded information or documentation is damaged or lost while in the Contractor's care or at any time before it is delivered to Canada in accordance with the Contract, including accidental erasure, the Contractor must immediately replace it at its own expense.

7.22 Reporting Requirements

The Contractor must provide the reports identified in each Task Authority as per article 3.4.1 of the Statement of Work to the Project Authority at the times specified in each TA.

7.23 Representations and Warranties

The Contractor made statements regarding its own and its proposed resources' experience and expertise in its bid that resulted in the award of the Contract and the issuance of TAs. The Contractor represents and warrants that all those statements are true and acknowledges that Canada relied on those statements in awarding the Contract and adding work to it through TAs. The Contractor also represents and warrants that it has, and all its resources and subcontractors that perform the Work have, and at all times during the Contract Period they will have and maintain, the skills, qualifications, expertise and experience necessary to perform and manage the Work in accordance with the Contract, and that the Contractor (and any resources or subcontractors it uses) has previously performed similar services for other customers.

7.24 Implementation

- (a) **Implementation of Professional Services:** If similar professional services are currently being provided by another supplier or by Canada's own personnel, the Contractor is responsible for

ensuring that the transition to the professional services it provides under the Contract is completed in a way that does not disrupt Canada's operations or users, and does not result in any interim degradation to the timeliness or quality of service. The Contractor is solely responsible for any additional training required by its resources to perform the Work, and time spent by resources on that training or becoming familiar with the Client's environment must not be charged to Canada. The transition will be considered complete once the Contractor has demonstrated, to the satisfaction of the Project Authority, that it is ready and able to carry out the Work. The transition must be complete by no later than three months after the Contract is awarded. All costs associated with establishing itself to provide the professional services are the responsibility of the Contractor.

7.25 Identification Protocol Responsibilities

The Contractor will be responsible for ensuring that each of its agents, representatives or subcontractors (hereinafter referred to as Contractor Representatives) complies with the following self-identification requirements:

- (a) Contractor Representatives who attend a Government of Canada meeting (whether internal or external to Canada's offices) must identify themselves as Contractor Representatives prior to the commencement of the meeting, to ensure that each meeting participant is aware of the fact that the individual is not an employee of the Government of Canada;
- (b) During the performance of any Work at a Government of Canada site, each Contractor Representative must be clearly identified at all times as being a Contractor Representative; and
- (c) If a Contractor Representative requires the use of the Government of Canada's e-mail system in the performance of the Work, then the individual must clearly identify him or herself as an agent or subcontractor of the Contractor in all electronic mail in the signature block as well as under "Properties." This identification protocol must also be used in all other correspondence, communication, and documentation.
- (d) If Canada determines that the Contractor is in breach of any obligation stated in this Article, upon written notice from Canada the Contractor must submit a written action plan describing corrective measures it will implement to eliminate the recurrence of the problem. The Contractor will have five working days to deliver the action plan to the Client and the Contracting Authority, and twenty working days to rectify the underlying problem.
- (e) In addition to any other rights it has under the Contract, Canada may terminate the Contract for default if the corrective measures required of the Contractor described above are not met.

ANNEX A STATEMENT OF WORK

1. Requirement

The Information Systems Branch (ISB) of Agriculture and Agri-food Canada (AAFC) requires Informatics Professional Services for the provision of application development and maintenance services in Winnipeg for the **Business Risk Management Suite (BRMS)** that support the objectives of the Farm Income Programs Directorate (FIPD) which is part of AAFC's Programs Branch.

The application development and maintenance services are necessary to fulfill FIPD's commitment to administer the AgriStability program, the AgriInvest program and other programs administered by FIPD. The majority of this work will pertain to maintenance and development of the AgriStability and AgriInvest applications deployed on the BRMS framework. The Contractor's resources will provide application development and maintenance services, including break/fix and system vitality services, and implementation of minor and major enhancements to existing BRMS applications.

2. Background

Agriculture and Agri-Food Canada (AAFC) provides leadership in the growth and development of a competitive, innovative and sustainable Canadian agriculture and agri-food sector.

Within AAFC, the Information Systems Branch (ISB) is responsible for the implementation and maintenance of information technology that underpins the day to day operations of the Department. This includes responsibility for the implementation and management of administrative information systems, coordinating the implementation of department-wide information systems, and management of the department's networks that connect AAFC's programs and regions, and supports connecting the department to its portfolio partners. ISB also supports the planning and implementation of AAFC's participation in inter-departmental and Government of Canada (GoC)-wide information management / information technology (IM/IT) initiatives.

AAFC supports the delivery of co-ordinated government agricultural programs and services provided by the federal, provincial and territorial (FPT) governments that focus on innovation, competitiveness and market development to ensure Canadian producers and processors have the tools and resources they need to continue to innovate and capitalize on emerging market opportunities. This includes a comprehensive suite of Business Risk Management (BRM) programs (i.e. AgriInvest, AgriStability, AgriInsurance, and AgriRecovery) which help farmers in managing risk due to severe market volatility and disaster situations. Through AgriRisk Initiatives, governments will also help the industry in its efforts to research, develop and implement new agricultural risk management tools.

Business Risk Management Suite (BRMS)

The Business Risk Management Suite (BRMS) Delivery Modules project was successfully deployed in May, 2010. The BRMS Delivery Modules consist of several frameworks or modules that can be used together in order to create a program delivery application. For each new departmental program, AAFC determines which modules are required to deliver the new program and undertakes development in order

to add functionality to or configure the modules based on the business rules and requirements of the departmental program (e.g. program parameters). The modules and configurations represent a program delivery application (i.e. an instance of the system) that supports the administration and delivery of the departmental program.

BRMS is currently used in the delivery of the AgriInvest and AgriStability programs.

AgriInvest is a program that helps producers protect their farm income from small declines. AgriInvest is a savings account for producers. Producers who make a deposit to their AgriInvest account will receive a matching government contribution. Producers can then withdraw the funds as they need them.

AgriStability is a margin-based program that provides income support when a producer experiences large margin losses. AgriStability replaces the coverage previously provided by the Canadian Agricultural Income Stabilization program for margin declines of more than 15%. Producers pay an enrolment fee to participate in the program. A payment is made when a producer's margin in the program year falls more than 30% below the producer's reference margin for previous years.

Software Development Technology and Tools

The BRMS applications are n-tier Java JEE applications using a relational database for persistence and providing a thin-client user interface via a web browser. These applications adhere to AAFC departmental guidelines and standards for applications of this type.

The maintenance and development of the BRMS applications take place in the context of software development standards and processes established within AAFC as follows:

- AAFC has developed standards for the components of BRMS. This includes elements of the software architecture, like software frameworks for data integration/persistence, business domain implementation and presentation.
- AAFC has selected system software such as application container, database management software and web server software upon which BRMS operates.
- For the operation of BRMS applications, AAFC has established a set of development, testing and production operating environments for BRMS, including hardware and software elements of those environments.
- AAFC has stipulated the software development tools used to develop and maintain the BRMS suite of applications.
- AAFC has instituted procedures to manage the software maintenance process, including approval of work and authorization to release BRMS application changes to various environments.

These standards, tools and processes are further described in **Attachment 1** to this Annex A.

3. Scope of Work

3.1 Summary of Work

The work undertaken under this contract is to ensure an efficient delivery process and management of the application development and maintenance of AAFC's BRMS. Application development in this context consists of software development of existing applications to add functionality, create new integrations, and related programming and implementation work, as defined in any Task Authorization.

The application development and maintenance services for the BRMS applications and associated application framework include, but are not limited to:

- i. Management of the systems development lifecycle (i.e. planning and analysis, design, development and implementation and maintenance);
- ii. Business analysis and requirements gathering and documentation;
- iii. Application development design and documentation;
- iv. Application testing and implementation;
- v. Application maintenance and support;
- vi. Finding and identifying causes of failure of BRMS applications in the development environment, test environment, and production environments; and
- vii. Knowledge transfer to AAFC employees.

Multiple development tasks may be in process at any given time; as such, Contractor resources may be working on separately issued Task Authorizations related to different application functionalities, interfaces or integrations simultaneously.

The Contractor must deliver the required work using AAFC's standard software development technologies and tools, as identified in each issued Task Authorization. AAFC's current standards and future directions are identified in Attachment 1 to this SOW and are subject to change over time. The Contractor must ensure that its resource is competent in these technologies, properly trained and equipped to work with AAFC's technology.

The Contractor's resources will form an integrated delivery team working with other resources, including AAFC resources, to deliver the services in Winnipeg. In delivering the services under the contract, the Contractor's resources will be expected to continue using already established or AAFC approved tools, methods and systems for application development and maintenance.

The Contractor's resources must fully document their work in accordance with industry best practices and AAFC standards (as set out in Attachment 1 to Annex A and as provided to the contractor following award); and to ensure that any future changes that may be required to the configuration and deployment are readily implemented following AAFC's Change Control process¹.

In the performance of their work under any issued Task Authorization and upon instruction from the Project Authority, the Contractor's deployed resources must comply with TBS guidance and the requirements of the Policy on Government Security as it pertains to the handling of Confidential or Protected information, in particular as it applies to the use and transmission of such information using portable storage devices and wireless technologies.

¹ AAFC's Change Control process is governed by the Change Control Committee (CCC), comprised of ISB service providers who assess the impact of changes and approve the scheduling of changes to departmental applications. The CCC supports the efficient handling of changes, minimizes the impact to the AAFC production environment, and provides accurate and timely management information on changes to AAFC's applications. The CCC reviews all proposed changes on a scheduled basis.

3.2 Professional Services Resource Requirements

3.2.1 Resource Categories

ISB has identified a set of “core team” resources for this requirement that represent areas of key expertise that is critical to the completion of the work, as well as additional categories that represent areas of occasional supporting service(s).

3.2.1.1 Core Resources

The following core resource team represents those resource categories and level that ISB expects to utilize frequently during the Contract.

- a) P.9 Project Manager – Level 2 – one (1) resource.
- b) B.1 Business Analyst – Level 2 – one (1) resource;
- c) B.13 Operations Support Specialist – Level 3 – one (1) resource;
- d) I.4 Database/IM Modeller – Level 2 – one (1) resource;
- e) A.1 Application/Software Architect – Level 3 – one (1) resource;
- f) A.6 Programmer/Software Developer – Level 3 – one (1) resource;
- g) A.6 Programmer/Software Developer – Level 2 – one (1) resource;
- h) A.10 Test Coordinator – Level 2 – one (1) resource; and
- i) A.11 Tester – Level 2 – one (1) resource.

3.2.1.2 Additional Resources

Additional resources refer to any resource supplied under the Contract that is not deemed, by the Project Authority, to be a core resource. Additional resource categories are those that are expected to be only required for occasional work, at AAFC’s request.

Additional resource categories, which may be required by ISB are as follows:

- a) P.7 Project Coordinator – Level 2; and
- b) I.4 Database/IM Modeller – Level 3.

3.3 Tasks

3.3.1 Contract Initiation

The Contractor must, at no cost to AAFC, participate in a contract initiation meeting with the AAFC Project Authority. The agenda for the contract initiation meeting will be provided by AAFC within two (2) days following contract award.

It is Canada’s expectation that the contract initiation meeting will be a face-to-face meeting, held at AAFC’s location in Winnipeg within fifteen (15) business days following issuance of the agenda. The Contractor must participate in additional follow-up meetings, if required, as determined by the Project Authority.

3.3.1.1 Contractor Methodology

At the Contract initiation meeting, the Contractor will be required to make an oral presentation to describe its approach to the delivery of the work under the Contract including:

- a) Project management methodology;
- b) Application development methodology;
- c) Quality management plan (see section 3.3.1.4 below);
- d) Deliverable documentation plan (see section 3.3.1.5 below); and
- e) Contract management approach.

3.3.1.2 Project Management Methodology

The Contractor must, at no additional cost to Canada, use a formal project management methodology to manage the delivery of all work. The project management methodology must enable the Contractor to manage its professional services resources to ensure all work is completed within the agreed upon budget and schedule and ensure that all deliverables conform to AAFC's requirements. The project management methodology must address, but is not limited to, the following areas of project management:

- a) Risk;
- b) Human Resources (including knowledge transfer between incoming and outgoing Contractor resources);
- c) Scope;
- d) Schedule;
- e) Communications;
- f) Organizational Impacts; and
- g) Technical Performance.

3.3.1.3 Application Development Methodology

- a) AAFC uses the Rational Unified Process (RUP) as its iterative software development process framework for all new application development tasks in the department.
- b) The Contractor must, at no additional cost to Canada, use a formal application development methodology and tool set to plan, design and further develop the Java-based applications under this Contract.
- c) The Contractor's application development methodology and tool set must adhere, or be adaptable, to the Rational Unified Process, as used by AAFC. The Contractor will be responsible for any costs associated with conversion and adapting its methodology and tool set to the Rational Unified Process.
- d) AAFC will be responsible for conducting user acceptance testing (UAT) of the new applications development.

3.3.1.4 Quality Management

- a) The Contractor must use a formal quality management (QM) process in undertaking services under this Contract.
- b) The Contractor must submit at the outset of the Contract its quality management plan which must include internal quality assurance processes to ensure the overall quality and functionality of the Java application and application development delivered under the contract. The QM plan must include processes for performance of reviews, inspections and tests necessary to substantiate that the services and deliverables provided conform to the specifications and requirements of any issued Task Authorization.
- c) The QM plan must ensure that resources are formally trained in the Contractor's QM program and processes.

3.3.1.5 Deliverable Documentation Management

- a) The Contractor must use a formal deliverable documentation management process that it will follow to ensure that all deliverables under the Contract can be easily understood and maintained by AAFC or a subsequent contractor.
- b) The Contractor must submit at the outset of the Contract its deliverable documentation plan, which must include an approach to the documentation of deliverables, including software application code that is developed under the contract, and maintenance of the Electronic Library (as described in section 3.4.2) for the duration of the Contract.

3.3.1.6 AAFC Review and Acceptance

- a) The Contractor's methodology presented and submitted at the outset of the Contract (see sections 3.3.1.1 – 3.3.1.5 above) must meet the requirements set out in this Statement of Work.
- b) Following the Contract initiation meeting, the AAFC Project Authority will provide comments and discuss any required adjustments to the Contractor's methodology as presented.
- c) The Contractor must revise and finalize its methodology and plans based on any input received from AAFC. The Contractor must submit the final methodology and plans to the AAFC Project Authority for review and approval within five (5) business days following receipt of AAFC's feedback.

3.3.2 Transition-in

AAFC anticipates an initial Task requirement (i.e. Task #1), to be issued immediately following the contract initiation meeting, to enable knowledge transfer, if necessary, from current resources. It is anticipated that the Transition-In phase will be completed within three months, or such longer period as set out in the Task Authorization issued by AAFC.

The entire core resource team identified in section 3.2.1.1 must be available to start work at AAFC in Winnipeg within fifteen business days of receipt of the first Task Authorization from AAFC.

3.3.2.1 Transition Management

In delivering the services under the Contract, the Contractor's deployed resources will be expected to continue using already established and AAFC approved tools, methods and systems for application development and maintenance.

Any training required by Contractor resources to perform specific assignments at AAFC, with the exception of the initial minimum three (3) month period or such longer period as set out by AAFC in the first Task Authorization at the commencement of the Contract (see section 3.3.2), will be at the Contractor's time and expense. Canada will not provide technology training. Canada will, wherever possible, provide standards, policies, guidelines and appropriate documentation to describe how the application systems are designed and configured at AAFC, as well as other assistance needed to help the Contractor's resources work on application systems at AAFC.

3.3.3 Tasks Per Resource Category

P.9 Project Manager – Level 2

The Project Manager Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Project Management and oversight of a web application development in support of AAFC projects;
- b) Developing and delivering oral presentations to Senior Management;
- c) Developing project plans including: project objectives; budget estimates; project team composition, roles and responsibilities; and terms of reference;
- d) Using Microsoft Project to schedule and track project activities; and
- e) Continuously managing risk throughout the life of the application development.

P.7 Project Coordinator – Level 2

The Project Coordinator Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Supporting IM/IT project teams, including the Project Executive and Project Manager;
- b) Assisting in the preparation of formal project work plans (including work breakdown structures, schedules and charts);
- c) Maintaining and updating relevant project information and documentation in manual or electronic files and maintaining project application or system libraries;
- d) Communicating with project team members on administrative matters related to the project and tracking project change requests; and
- e) Coordinating and preparing documentation in response to scheduled/unscheduled reports and returns and observations.

B.1 Business Analyst – Level 2

The Business Analyst Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Analyzing business functional requirements to identify information, procedures and decision flows following Rational Unified Process (RUP) Requirements Analysis Discipline;
- b) Preparing business process maps and high-level work flows using the Unified Modeling Language (UML) methodology and business, workflow and organizational modeling software tools;
- c) Meeting with clients individually and in Joint Application Development (JAD) sessions to define detailed business requirement and documenting the resulting requirements in “Use Case” format; and
- d) Identifying candidate processes for redesign; prototyping potential solutions following Service Oriented Architecture methodology; and identifying modifications to the automated processes.

B.13 Operations Support Specialist – Level 3

The Operations Support Specialist Level 3 will be responsible for, but not limited to, performing the following activities:

- a) System administration;
- b) Installing and maintaining web and application servers and their related software;
- c) Developing and documenting operational procedures or logical architectures and system configurations;

- d) Developing technical architectures for the integration of all technical aspects of an IT solution;
- e) Developing implementation plans for technical infrastructure;
- f) Installing and monitoring particular facets of the technical infrastructure plan;
- g) Configuring and optimizing technical installations;
- h) Creating and troubleshooting server side scripts; for example: Python, Linux Shell, or PHP;
- i) Identifying and resolving performance issues for servers or connectivity problems for services; and
- j) Configuring and managing Subversion (SVN) source code repository; JIRA bug tracking software; or Team City automated build tool.

I.4 Database/IM Modeller – Level 3

The Database/IM Modeller Level 3 will be responsible for, but not limited to, performing the following activities:

- a) Developing Java/JEE applications using Oracle version 11g or higher or PL/SQL;
- b) Writing or tuning complex SQL statements;
- c) Developing RDMS data models for Oracle (i.e. conceptual, logical or physical models);
- d) Developing and implementing data migration or conversion plans and procedures; or validating converted or migrated data for Oracle (version 9i or higher);
- e) Supporting new Java/JEE applications on an Oracle backend by performing the following activities:
 - i. Making recommendation in regards to a new application;
 - ii. Developing procedures and scripts; and
- f) Developing testing procedures in support of the development, integration and testing of the new application.

I.4 Database/IM Modeller – Level 2

The Database/IM Modeller Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Developing Java/JEE applications using Oracle version 11g or higher or PL/SQL;
- b) Writing or tuning complex SQL statements;
- c) Developing RDMS data models for Oracle (i.e. conceptual, logical or physical models);
- d) Implementing data migration or conversion plans and procedures; or validating converted or migrated data for Oracle (version 11g or higher);
- e) Supporting new Java/JEE applications on an Oracle backend by developing procedures and scripts; and
- f) Testing procedures in support of the development, integration and testing of the new application.

A.1 Application/Software Architect – Level 3

The Application/Software Architect Level 3 will be responsible for, but not limited to, performing the following activities:

- a) Utilizing the following tools, methods or technologies on Java/JEE application development projects:
 - i. Mojava or other JavaServer Faces (JSF) framework as a Web Framework;
 - ii. An open source framework to implement web services;
 - iii. Hibernate as Persistence Framework;
 - iv. Spring as Inversion of Control Framework;
 - v. Oracle RDBMS for persistent data storage via Hibernate.
- b) Utilizing the following tools, methods or technologies on Java/JEE application development work:
 - i. A loosely-coupled, component-based architecture based on design patterns (e.g. Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business Object or Data Access Object);
 - ii. Oracle WebLogic Application Server version 12.1.2 or higher;
 - iii. Integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.);
 - iv. Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment;
- c) Conducting the following activities for Java/JEE application development work:
 - i. Designing and developing generic components specifically designed to be reusable; such as Eclipse UML2, MyEclipse UML or Apollo for Eclipse, No Magic MagicDraw, Gentleware Poseidon for UML);
- d) Utilizing IT security policies, standards, guidelines and procedures as input to technical architecture frameworks and strategies;
- e) Developing application/software architectures including:
 - i. Analyzing functional requirements to identify information, procedures and decision flows;
 - ii. Identifying requirements for improvements to existing databases by determining users' information requirements and system performance and functional requirements;
 - iii. Aligning business domain object models with an enterprise data model.
- f) Using Java/JEE with Oracle databases for:
 - i. Developing applications, sub-systems and interfaces creating interoperable services, modular services, and business processes;
 - ii. Developing functional and system design specifications;
 - iii. Performing manual code changes and user interface changes; and
- g) Leading a development team using the Rational Unified Process (RUP) development process.

A.6 Programmer/Software Developer – Level 3

The Programmer/Software Developer Level 3 will be responsible for, but not limited to, performing the following activities:

- a) Using Java application development tools with Oracle databases for:
 - i. Developing applications, sub-systems and interfaces creating interoperable services, modular services, and business processes;
 - ii. Leading a development team delivering solutions;
 - iii. Implementing Web-Service standards including WSDL, WS- *, and REST;
 - iv. Developing, implementing, and unit testing enterprise-grade Java/JEE applications.
- b) Using Java application development tools with Oracle databases to develop functional and system design specifications or perform manual code changes and user interface changes;
- c) Leading a development team using the Rational Unified Process (RUP) development process;
- d) Producing an operational system (including all forms and graphical user interface, manuals or documentation, production-ready application source code and executables, data files and operational procedures) using:
 - i. Java application development tools with Oracle databases (version 11g or higher);
 - ii. Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment;
 - iii. Hibernate as Persistence Framework;
 - iv. Spring as Inversion of Control Framework;
 - v. Mojarra or other JSF framework as Web UI Framework; and
- e) Utilizing the following tools, methods or technologies on a Java/JEE application development work:
 - i. A loosely-coupled, component-based architecture based on design patterns. Using any one of the following: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business Object or Data Access Object;
 - ii. An open source framework to implement web services;
 - iii. Oracle (version 11g or higher) for persistent data storage;
 - iv. Oracle WebLogic Application Server version 12.1.2 or higher.

A.6 Programmer/Software Developer – Level 2

The Programmer/Software Developer Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Using Java application development tools with Oracle databases for:
 - i. Developing applications, sub-systems and interfaces creating interoperable services, modular services, and business processes;
 - ii. Participating on a development team to deliver solutions;
 - iii. Implementing Web-Service standards including WSDL, WS- *, and REST;
 - iv. Developing, implementing, and unit testing enterprise-grade Java/JEE applications;

- b) Using Java application development tools with Oracle databases to develop functional and system design specifications or perform manual code changes and user interface changes;
- c) Participating on a development team using the Rational Unified Process (RUP) development process;
- d) Producing an operational system (including all forms or graphical user interface, manuals or documentation, production-ready application source code and executables, data files and operational procedures) using:
 - i. Java application development tools with Oracle databases (version 11g or higher);
 - ii. Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment;
 - iii. Hibernate as Persistence Framework;
 - iv. Spring as Inversion of Control Framework;
 - v. Mojava or other JSF framework as Web UI Framework; and
- e) Utilizing the following tools, methods or technologies on a Java/JEE application development work:
 - i. A loosely-coupled, component-based architecture based on design patterns. Using any one of the following: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business Object or Data Access Object;
 - ii. An open source framework to implement web services;
 - iii. Oracle (version 11g or higher) for persistent data storage;
 - iv. Oracle WebLogic Application Server version 12.1.2 or higher.

A.10 Test Coordinator – Level 2

The Test Coordinator Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Test planning aligned with Java/JEE applications;
- b) Test planning and execution for unit testing, integrated testing, or performance testing;
- c) Developing Test Plan recommendations for acceptance and implementation; and
- d) Writing test methodology or test planning documents (i.e. writing test strategy documents) and preparing associated presentation materials.

A.11 Tester – Level 2

The Tester Level 2 will be responsible for, but not limited to, performing the following activities:

- a) Conducting test planning for Java/JEE applications:
 - i. Using automated bug tracking tools and problem identification (e.g. JProfiler, Rational Suite, etc.);
 - ii. Following testing processes and procedures;
 - iii. Successful execution of Test plans;
 - iv. Providing technical guidance to stakeholders during User Acceptance Testing phase;
 - v. Interacting with developers and Quality Assurance groups;
- b) Test planning and execution for unit testing, integrated testing, or performance testing; and
- c) Testing of Java/JEE application development work.

3.4 Deliverables

3.4.1 General

Required deliverables will be identified in each Task Authorization and may include, any combination of the following (without limitation):

- i. Application development initiation, including but not limited to:
 - a) Development of project charters, project plans and related documentation;
 - b) Development of business cases;
 - c) Options analysis; and
 - d) Proof of concept documentation for application development.
- ii. Application planning, including but not limited to:
 - a) Development of functional and technical specifications through the use of business process maps, use cases, JAD sessions and documented outcome, business workflow and organizational models, or solution prototypes;
 - b) Development of documentation standards;
 - c) Development of risk assessment and mitigation plan;
 - d) Development of project cost estimate, work plan, schedule and related documentation for future project phases.
- iii. Application design, including but not limited to:
 - a) Development of detailed technical and functional design;
 - b) Development of detailed estimate, work plan and schedule for project implementation;
 - c) Identification of all documentation requirements, including a statement of purpose, scope and table of contents for each required document or manual;
 - d) Development of application deployment procedures;
 - e) Updating the risk assessment and mitigation plan.
- iv. Application build, including but not limited to:
 - a) Production-ready application source code and executables;
 - b) Application development and integration within AAFC's IT environment;
 - c) Preparation of all required documentation and manuals;
 - d) Training and knowledge transfer to AAFC staff;
 - e) Updating the risk assessment and mitigation plan.
- v. Application maintenance, including but not limited to:
 - a) Development of cost estimate, release plan, and schedule for ongoing application maintenance;
 - b) Completing changes required to further develop application functionality;
 - c) Applying fixes to application problems;
 - d) Updating the risk assessment and mitigation plan.

3.4.2 Electronic Library

The Contractor must maintain on AAFC premises an up to date electronic library of all work in progress, delivered items and review comments for all TAs issued. The format for the library will be filed by TA Number. The library must include some form of version control.

This library must be maintained by the Contractor on an AAFC shared drive that is backed up by AAFC.

3.4.3 Number of Copies and Format

Unless otherwise required by the Project Authority, the Contractor must provide one electronic copy of all Deliverables.

The Contractor must ensure that all document-based deliverables and services provided are in conformance with AAFC's standard desktop software, currently, Microsoft Office Suite (including Word, Excel, and PowerPoint) version 2010 or more recent.

The Contractor must provide its Services in compliance with the BRMS Technical Environment, as detailed in Attachment 1 to Annex A (below), and upgraded throughout the course of the work. The Contractor must ensure that its resources are competent in these technologies, properly trained and equipped to work with AAFC's technology.

3.4.4 Acceptance

All deliverables are subject to inspection by the AAFC Project Authority or a designated representative. The AAFC Project Authority reserves the right to verify the accuracy of all deliverables.

3.4.5 Meetings

The Contractor must make all necessary preparations in order to actively participate in any meeting convened by the AAFC Project Authority.

All meetings will be conducted at AAFC's location in Winnipeg, unless otherwise requested by the Project Authority.

If required by the Project Authority, the Contractor resources shall prepare minutes of all discussions and record of decisions from the meeting(s) and shall provide them to the Project Authority, for review and approval, no later than three (3) business days after each meeting.

3.5 Environment and Location of Work

3.5.1 Technical Environment

The Information Systems Branch (ISB) supports the locally developed state of the art architecture and client-server applications for the programs administered by FIPD.

The technology architecture is described in detail in **Attachment 1 to Annex A**.

3.5.2 Business Environment

AAFC's ISB operates in a normal office environment from 07:00 – 18:00 local time. The Contractor's resources must be available to provide services, within AAFC's hours of operation in Winnipeg. However, for urgent projects, from time to time, there may be a requirement to work outside of AAFC's regular business hours. The Contractor's resources must be available to provide these services upon request by AAFC.

The Contractor's resources must be available to perform work **on-site** at AAFC's facilities in Winnipeg, Manitoba. Some work may be undertaken remotely, at AAFC's discretion and with AAFC's advance approval, provided such work is undertaken using AAFC-authorized equipment capable of secure remote access to AAFC's network.

As required for the conduct of the work, AAFC will provide access to identified databases or applications resident on AAFC computers or networks.

3.5.3 Contractor's Representative

The Contractor must designate a single point of contact, located in Winnipeg, as its' representative responsible for the management of the contract and its business relationship with Canada.

The AAFC Project Authority, or their designated representative, must be able to contact the Contractor's Representative during AAFC's core business hours (i.e. 9:00 am to 4:00 pm), Central Time (CT).

The point of contact must return any calls from the Project Authority within one (1) business day.

Attachment 1 to Annex A

BRMS Application Support Technology Architecture

1.1 Introduction

The Business Risk Management Suite (BRMS) programs are N-Tier Java Enterprise Edition (JEE) applications using an Oracle relational database for persistence and providing a thin-client user interface via a web browser. These programs adhere to AAFC department guidelines and standards for applications of this type.

Overall, BRMS applications apply the following architectural principles:

- Written as Java Enterprise Edition (JEE) applications;
- Leverage Java Message Service (JMS) for asynchronous communication between BRMS systems and between BRMS systems and external systems;
- Leverage of open source Java libraries and frameworks;
- Implement Model-view-controller (MVC) pattern for presentation interactions; and
- Leverage Aspect oriented programming models for loose coupling, declarative transaction management and security.

1.2 Java Frameworks

BRMS uses the following Java frameworks on a tier-by-tier basis:

Tier	Framework	Function
Presentation	Mojara	Model-view-controller (MVC) implementation and user interface (UI) abstraction
Business	Spring Inversion of Control (IoC)	Business object containment and support
Integration	Spring IoC	Transaction management, dependency injection
	Hibernate	Object/relational mapping and persistence management

The following Java libraries are also used:

- a) Apache Commons Libraries
- b) Quartz
- c) Acegi
- d) EhCache
- e) CGLib
- f) Log4j
- g) AspectJ
- h) Jakarta ORO
- i) Dom4j
- j) OSCache
- k) Spring Batch
- l) Spring Web
- m) Richfaces
- n) Guava

Note: *The software versions quoted are those currently in place. Upgrades may occur prior to or following contract issue.*

1.3 N-Tier Computing Environment

An N-Tier architecture utilizing Intel-based IBM compatible PC clients, HP Intel blade application servers, and HP Itanium database servers is employed.

The N-Tier computing environment is as follows:

- i. All client PCs use the standard AAFC Windows 7 image [Shared Services Canada managed desktop image].
- ii. Internet Explorer 11 is the AAFC standard browser.
- iii. The HP Itanium database servers run the Oracle database management system (version 11g) on the HP-UX (version 11.31) operating system [Oracle database servers].
- iv. The Intel-based HP C Class blade servers use VMWare ESX version 3.5 to run Oracle WebLogic Application Server (version 12.1.2) on the Linux RHEL 6 OS [JEE Application Server].

Each BRMS application operates within the following technical context:

- i. Java Enterprise Edition (JEE) is the software used to develop the BRMS applications.
- ii. Oracle XE 11gr2 is the relational database used for the BRMS applications. The production database environment contains databases for the BRMS production systems AgriInvest and AgriStability, as well as smaller database environments for BRMS applications development, system testing, and acceptance testing.
- iii. BRMS applications are hosted on the AAFC standard Oracle WebLogic application Server (version 12.1.2).
- iv. Nginx HTTP Webserver version 1.x is used for web caching and for access the BRMS applications.
- v. Visio 2007 is used to provide diagrams outlining the database and window relationships within the BRMS applications.
- vi. ErWin 8.2 is the AAFC standard data modelling tool used to model database objects for the BRMS team database changes. It is also used to generate the data definition language (DDL) for the database changes.

1.4 BRMS Application Development Environment and Tools

The BRMS applications software development environment consists of:

- i. Integrated Development Environment is Eclipse IDE V4.3
- ii. Java Development Kit is Sun/Oracle JEE 1.7.0_80
- iii. Java Runtime Environment is Sun/Oracle JRE 1.7.0_80
- iv. Database is Oracle XE 11g
- v. HTTP Web Server is Jetty 9.0.0

AAFC uses a combination of the following software development tools to further develop and maintain BRMS applications:

- i. Source code revision control is Subversion
- ii. Admin interface for Subversion is SVN Manager
- iii. Windows client access to Subversion is Tortoise SVN

- iv. Continuous build automation is Team City
- v. Issue management, project planning & tracking is JIRA
- vi. Code reviews and quality is Crucible
- vii. Subversion visualization / source code comparison is Fisheye
- viii. Java code analysis is Structure 101
- ix. Java VM Profiling is YourKit
- x. Test automation is Selenium
- xi. Client access to Oracle is SQL Developer
- xii. DBA tool for Oracle Database is Toad

1.5 Software Release Management

Release management for BRMS applications has been tailored to meet the following goals:

- i. Plan and oversee the successful rollout of applications;
- ii. Design and implement efficient procedures for the distribution and installation of changes;
- iii. Ensure that changes are traceable, secure and that only correct, authorized and tested versions are installed;
- iv. Communicate and manage expectations of business leaders during the planning and rollout of new releases;
- v. Agree to the exact content and rollout plan for the release through liaison with the business prioritization team (BPT) and contractual development team;
- vi. Implement new releases into the production environment using the controlling processes of configuration and change management;
- vii. Ensure that source coding of all new or changed applications are secured and that appropriate records are updated;
- viii. Ensure that all changes are secure and traceable.

The release process focuses on the following deliverables:

- i. Releases built and implemented on schedule;
- ii. Accurate distribution of release;
- iii. Mechanism that can identify number of problems in the production environment that can be attributed to new releases;
- iv. Traceable, verifiable objects that were introduced, modified, or deleted by the release;
- v. Improved quality of service from integration of application and documentation;
- vi. Better release planning reducing operational disturbance for new release rollouts; and
- vii. Ability to facilitate an optimal business support environment.

**ANNEX B
BASIS OF PAYMENT**

INITIAL CONTRACT PERIOD:

Initial Contract Period (Date of Contract award to one-year later)		
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	
B.1 Business Analyst	Level 2	
B.13 Operations Support Specialist	Level 3	
I.4 Database/IM Modeller	Level 2	
A.1 Application/Software Architect	Level 3	
A.6 Programmer/Software Developer	Level 3	
A.6 Programmer/Software Developer	Level 2	
A.10 Test Coordinator	Level 2	
A.11 Tester	Level 2	
P.7 Project Coordinator	Level 2	
I.4 Database/IM Modeller	Level 3	

OPTION PERIODS:

Option Period 1 (_____ to _____)		
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	
B.1 Business Analyst	Level 2	
B.13 Operations Support Specialist	Level 3	
I.4 Database/IM Modeller	Level 2	
A.1 Application/Software Architect	Level 3	
A.6 Programmer/Software Developer	Level 3	
A.6 Programmer/Software Developer	Level 2	
A.10 Test Coordinator	Level 2	
A.11 Tester	Level 2	
P.7 Project Coordinator	Level 2	
I.4 Database/IM Modeller	Level 3	

Option Period 2 (_____ to _____)		
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	
B.1 Business Analyst	Level 2	
B.13 Operations Support Specialist	Level 3	
I.4 Database/IM Modeller	Level 2	
A.1 Application/Software Architect	Level 3	
A.6 Programmer/Software Developer	Level 3	
A.6 Programmer/Software Developer	Level 2	
A.10 Test Coordinator	Level 2	
A.11 Tester	Level 2	
P.7 Project Coordinator	Level 2	
I.4 Database/IM Modeller	Level 3	

Option Period 3 (_____ to _____)		
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	
B.1 Business Analyst	Level 2	
B.13 Operations Support Specialist	Level 3	
I.4 Database/IM Modeller	Level 2	
A.1 Application/Software Architect	Level 3	
A.6 Programmer/Software Developer	Level 3	
A.6 Programmer/Software Developer	Level 2	
A.10 Test Coordinator	Level 2	
A.11 Tester	Level 2	
P.7 Project Coordinator	Level 2	
I.4 Database/IM Modeller	Level 3	

Option Period 4 (_____ to _____)		
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	
B.1 Business Analyst	Level 2	
B.13 Operations Support Specialist	Level 3	
I.4 Database/IM Modeller	Level 2	
A.1 Application/Software Architect	Level 3	
A.6 Programmer/Software Developer	Level 3	
A.6 Programmer/Software Developer	Level 2	
A.10 Test Coordinator	Level 2	
A.11 Tester	Level 2	
P.7 Project Coordinator	Level 2	
I.4 Database/IM Modeller	Level 3	

ANNEX C
SECURITY REQUIREMENTS CHECK LIST
(Provided under separate cover)

ATTACHMENT 3.1

BID SUBMISSION FORM		
Bidder's full legal name		
Authorized Representative of Bidder for evaluation purposes (e.g., clarifications)	Name	
	Title	
	Address	
	Telephone #	
	Fax #	
	Email	
Bidder's Procurement Business Number (PBN) [see the Standard Instructions 2003] [Note to Bidders: Please ensure that the PBN you provide matches the legal name under which you have submitted your bid. If it does not, the Bidder will be determined based on the legal name provided, not based on the PBN, and the Bidder will be required to submit the PBN that matches the legal name of the Bidder.]		
Jurisdiction of Contract: Province or territory in Canada the Bidder wishes to be the legal jurisdiction applicable to any resulting contract (if other than as specified in solicitation)		
Former Public Servants See the Article in Part 2 of the bid solicitation entitled Former Public Servant for a definition of "Former Public Servant".	Is the Bidder a FPS in receipt of a pension as defined in the bid solicitation? Yes ____ No ____ If yes, provide the information required by the Article in Part 2 entitled "Former Public Servant"	
	Is the Bidder a FPS who received a lump sum payment under the terms of the Work Force Adjustment Directive? Yes ____ No ____ If yes, provide the information required by the Article in Part 2 entitled "Former Public Servant"	
Security Clearance Level of Bidder [include both the level and the date it was granted] [Note to Bidders: Please ensure that the security clearance matches the legal name of the Bidder. If it does not, the security clearance is not valid for the Bidder.]		

On behalf of the Bidder, by signing below, I confirm that I have read the entire bid solicitation including the documents incorporated by reference into the bid solicitation and I certify that:

1. The Bidder considers itself and its proposed resources able to meet all the mandatory requirements described in the bid solicitation;
2. This bid is valid for the period requested in the bid solicitation;
3. All the information provided in the bid is complete, true and accurate; and
4. If the Bidder is awarded a contract, it will accept all the terms and conditions set out in the resulting contract clauses included in the bid solicitation.

Signature of Authorized Representative of Bidder

**ATTACHMENT 4.1
BID EVALUATION CRITERIA**

Technical proposals will be evaluated and scored in accordance with the following Mandatory and Point-Rated evaluation criteria and formulae.

SUMMARY OF EVALUATION PROCESS		
Mandatory Evaluation Criteria	Compliant / Non-compliant	
M1. Corporate Experience	Yes / No	
M2. P.9 Project Manager – Level 2	Yes / No	
M3. B.1 Business Analyst – Level 2	Yes / No	
M4. B.13 Operations Support Specialist – Level 3	Yes / No	
M5. I.4 Database / IM Modeller – Level 2	Yes / No	
M6 A.1 Application / Software Architect – Level 3	Yes / No	
M7 A.6 Programmer / Software Developer – Level 3	Yes / No	
M8 A.6 Programmer / Software Developer – Level 2	Yes / No	
M9 A.10 Test Coordinator – Level 2	Yes / No	
M10 A.11 Tester – Level 2	Yes / No	
Point-Rated Evaluation Criteria	Maximum Point Value	Minimum Score Required
R1. Bidder Project Experience	70	N/A
R2. P.9 Project Manager – Level 2	65	39 (60%)
R3. B.1 Business Analyst – Level 2	80	48 (60%)
R4. B.13 Operations Support Specialist – Level 3	90	54 (60%)
R5. I.4 Database Modeller / IM Modeller – Level 2	90	54 (60%)
R6 A.1 Application / Software Architect – Level 3	90	54 (60%)
R7 A.6 Programmer / Software Developer – Level 3	90	54 (60%)
R8 A.6 Programmer / Software Developer – Level 2	70	42 (60%)
R9 A.10 Test Coordinator – Level 2	70	42 (60%)
R10 A.11 Tester – Level 2	70	42 (60%)
TOTAL TECHNICAL SCORE:	785	549 (70%)

1. Mandatory Evaluation Criteria

M1. Corporate Experience

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
<p>1.1 The Bidder must provide two (2) projects to demonstrate its experience with work undertaken within the past five (5) years, prior to solicitation issue date, where the Bidder delivered informatics professional services for the ongoing support and maintenance of a Web application.</p> <p>1.1.1 The cited projects must have been for a minimum duration of twelve (12) months each.</p> <p>1.1.2 The cited projects must be related to a contract for informatics professional services, each worth a minimum total value of \$2,000,000 (in Canadian dollars).</p> <p>1.2 The cited projects must have included the deployment of any nine (9) or more IT resources.</p>	<p>Each project must include the following information at a minimum:</p> <p>(a) Organization Name (for whom the work was performed);</p> <p>(b) An identified management-level Organization Contact (Reference) including Name and Title;</p> <p>(c) Telephone Number and/or Email Address of the Organization Contact person.</p> <p>(d) Start and completion dates (including year and month) of the work;</p> <p>(e) A brief description of the scope of the work that demonstrates the applicable experience.</p> <p>If the cited project relates to a contract that is ongoing, the contract must have been in place for a minimum of twelve months as of the issue date of this RFP OR If the project relates to a contract that is completed, the completion date must be within five (5) years of the issue date of this RFP.</p> <p>Bidder to provide contract value (in CAD dollars) for the project.</p> <p>Bidder to identify the names and the resource categories of the nine (9) or more IT resources, who were deployed on this project.</p>		

M2. P.9 Project Manager – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
<p>2.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience in managing application development or application maintenance projects, including experience in six (6) of the following nine (9) tasks:</p> <p>2.1.1 Managing the project during the development, implementation and operations start-up by ensuring resources are made available and that the project is developed and fully operational within previously agreed time, cost and performance parameters;</p> <p>2.1.2 Formulating statements of problems;</p> <p>2.1.3 Establishing procedures for the development and implementation of significant, new or modified project elements to solve these problems, and obtaining approval thereof;</p> <p>2.1.4 Defining and documenting the objectives for the project; determining budgetary requirements, the composition, roles and responsibilities and terms of reference for the project team;</p> <p>2.1.5 Reporting on progress of the project on an ongoing basis and at scheduled points in the life cycle;</p> <p>2.1.6 Meeting in conference with stakeholders and other project managers and stating problems in a form capable of being solved;</p> <p>2.1.7 Preparing plans, charts, tables and diagrams to assist in analyzing or displaying problems;</p> <p>2.1.8 Working with a variety of project management tools; and</p> <p>2.1.9 Obtaining project sign-off.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

M3. B.1 Business Analyst – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
3.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and documenting statements of requirements and performing business analyses of functional requirements to identify information, procedure and decision flows on an application development or an application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource’s role that demonstrates the applicable experience.		

M4. B.13 Operations Support Specialist – Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
4.1 The Bidder must demonstrate that the proposed resource has a minimum of ten (10) years of experience providing system administration and systems operation support of an application, including: 4.1.1 setting up user access; 4.1.2 user profile updates; 4.1.3 back-up and recovery; and 4.1.4 day-to-day computer system operation.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource’s role that demonstrates the applicable experience.		

M5. I.4 Database Modeller / IM Modeller – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
5.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and maintaining architecture and data models, and controlling and coordinating changes to the database for an application development or application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource’s role that demonstrates the applicable experience.		

M6. A.1 Application / Software Architect – Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
6.1 The Bidder must demonstrate that the proposed resource has a minimum of ten (10) years of experience developing technical architectures, frameworks and strategies to meet the business and applications requirements for an application development or application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource’s role that demonstrates the applicable experience.		

M7. A.6 Programmer/Software Developer - Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
7.1 The Bidder must demonstrate that the proposed resource has a minimum of ten (10) years of experience developing and preparing diagrammatic plans, designing detailed programs and flow charts, translating flowcharts into coded machine instructions, preparing sample data and testing, and developing operating instructions for reference.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource’s role that demonstrates the applicable experience.		

M8. A.6 Programmer/Software Developer - Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
8.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and preparing diagrammatic plans, designing detailed programs and flow charts, translating flowcharts into coded machine instructions, preparing sample data and testing, and developing operating instructions for reference.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource's role that demonstrates the applicable experience.		

M9. A.10 Test Coordinator – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
9.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience organizing and scheduling testing efforts (including the execution of system integration tests, specialized tests, and user acceptance tests) for an application development or application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource's role that demonstrates the applicable experience.		

M10. A.11 Tester – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	BIDDER RESPONSE	MET /NOT MET
10.1 The Bidder must demonstrate that the proposed resource has a minimum of five (5) years of experience developing test scenarios and test scripts and managing and monitoring test plans for various levels of testing including: unit testing, integration testing, and regression testing with an emphasis on automating the testing procedures for an application development or application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource's role that demonstrates the applicable experience.		

2. Point-Rated Evaluation Criteria

Bidders must meet a minimum pass mark of 60% for each proposed resource, and a cumulative minimum pass mark of 70% on the Point Rated Criteria **R1 – R10** (inclusive), as indicated in the table below.

All experience within a specific time period (e.g. within the past five years) are calculated based on the posting date of the RFP.

The following table provides a summary of the criteria, weights and minimum required scores:

Point-Rated Evaluation Criteria	Maximum Point Value	Minimum Score Required
R1. Bidder Project Experience	70	<i>N/A</i>
R2. P.9 Project Manager – Level 2	65	39 (60%)
R3. B.1 Business Analyst – Level 2	80	48 (60%)
R4. B.13 Operations Support Specialist – Level 3	90	54 (60%)
R5. I.4 Database Modeller / IM Modeller – Level 2	90	54 (60%)
R6 A.1 Application / Software Architect – Level 3	90	54 (60%)
R7 A.6 Programmer / Software Developer – Level 3	90	54 (60%)
R8 A.6 Programmer / Software Developer – Level 2	70	42 (60%)
R9 A.10 Test Coordinator – Level 2	70	42 (60%)
R10 A.11 Tester – Level 2	70	42 (60%)
TOTAL TECHNICAL SCORE (R1-R10):	785	549 (70%)

R1. Corporate Experience and References

Each cited project for the Corporate experience must have been for a minimum duration of twelve (12) months.

A maximum of two (2) projects will be evaluated and awarded points in accordance with the evaluation criterion.

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate the scope and work environment of the web application support and maintenance services for the two projects cited in response to M.1 Corporate experience.</p>	<p>70</p>	<p><i>Up to 35 points for each project (to a maximum of 2 projects or equivalent):</i></p> <p><i>Scope and work environment:</i></p> <p>5 points / project - Project duration exceeded the minimum duration by at least twelve (12) months (i.e. the project duration was 2 years or longer).</p> <p>5 points / project - The project value was in excess of the minimum value required in M.1 by at least \$2M (i.e. the project value was a minimum of \$4M or more).</p> <p>5 points / project – The project was for a Federal Government of Canada organization (department, agency or Crown Corporation) OR</p> <p>3 points / project – The project was for a non-Federal government organization (i.e. Provincial, State, or municipality) OR</p> <p>1 point / project – The project was for a non-government Public Sector organization (i.e. academic institutions, school boards and the health sector organizations).</p> <p>5 points / project – The Bidder used the Rational Unified Process for software development during the project.</p> <p><i>Technology supported and used included:</i></p> <p>5 points / project – Java / JEE 1.7.0 (or more recent) OR</p> <p>3 points / project - Java / JEE 1.5.0 – 1.6.x.</p> <p>5 points / project - Oracle version 11 relational database (or more recent) backend OR</p> <p>3 points / project - Oracle version 10 relational database.</p> <p>5 points / project - Mojara or other JSF framework as the Web UI Framework OR Hibernate as the persistence framework OR Spring as the Inversion Control framework.</p>		
<p>Maximum Total Score</p>	<p>70</p>			

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For Level 3 resources, each cited project for the resource experience must have been for a minimum duration of six (6) months.
For Level 2 resources, each cited project for the resource experience must have been for a minimum duration of four (4) months.
A maximum of two (2) projects for each resource will be evaluated and awarded points in accordance with the evaluation criterion.

R2. P.9 Project Manager – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in managing application development or application maintenance projects in a federal or other public sector environment.	20	10 points / project – The project was for a Federal Government of Canada organization (department, agency or Crown Corporation) OR 7 points / project – The project was for a non-Federal government organization (i.e. Provincial, State, or municipality) OR 3.5 points / project – The project was for a non-government Public Sector organization (i.e. academic institutions, school boards and the health sector organizations).		
2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing and delivering presentations to senior management . <i>Note: Senior Management is defined as Director General (DG), or equivalent within the Public Sector or General Manager or equivalent within the Private Sector, and above.</i>	10	2 points / project –Developing presentations; 1 point / project – Presenting to Senior Management; and 2 points / project – Making recommendations to Senior Management based on the analysis of the presented material.		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in project management core competencies, as follows:</p> <ul style="list-style-type: none"> • Defining and documenting project objectives; • Determining budgetary requirements; • Determining composition, roles and responsibilities of team members; • Determining Terms of Reference for the project team; • Developing a work breakdown structure and linking milestone/ tasks to the project timeline; • Tracking allocated resources and budget. 	20	<p>1 point / project – Experience defining and documenting the project objectives;</p> <p>2 points / project – Experience determining budgetary requirements;</p> <p>2 points / project – Experience determining composition, roles and responsibilities of team members;</p> <p>2 points / projects – Experience determining Terms of Reference for the project team;</p> <p>2 points/ project – Experience developing a work breakdown structure and linking milestone/ tasks to the project timeline; and</p> <p>1 point / project – Experience tracking allocated resources and budget.</p>		
<p>4. The Bidder should demonstrate that the proposed resource has experience on two (2) projects using MS Project to schedule & track activities.</p>	5	<p>2.5 points / project – Experience using MS Project to schedule & track activities.</p>		

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POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>5. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in risk management activities related to an application development project, as follows:</p> <ul style="list-style-type: none"> • Defining and quantifying risk; • Determining an approach to manage the identified risk; and • Successful management of the identified risk resulting in benefits to the client or lessons learned. 	<p>10</p>	<p>1.5 points / project – Description of the risk(s) involved in the cited project</p> <p>1.5 points / projects – Identification of the approach used to manage the risk; and</p> <p>2 points / projects – Description of the outcome of the project (i.e. was the risk successfully managed, lessons learned, benefits to the client).</p>		
<p>Maximum Total Score</p>	<p>65</p>			

R3. B.1 Business Analyst – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing and defining client business requirements using Joint Application Development (JAD) sessions and documenting requirements in Use Case Format.</p>	<p>20</p>	<p>6 points / project – Experience meeting with clients individually and in Joint Application Development (JAD) sessions to define detailed business requirements; and</p> <p>4 points / project – Experience documenting requirements in Use Case format.</p>		
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects analyzing and documenting client business requirements using the Rational Unified Process Requirements Analysis Discipline and preparing business process maps and high-level work flows using the Unified Modeling Language methodology and modeling software tools.</p>	<p>40</p>	<p>10 points / project – Experience analyzing business functional requirements to identify information, procedures and decision flows following the RUP Requirements Analysis Discipline; and</p> <p>10 points / project – Experience preparing business process maps and high-level work flows using the Unified Modeling Language (UML) methodology and business, workflow and organizational modeling software tools.</p>		

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POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in business analysis core competencies, as follows:</p> <ul style="list-style-type: none"> • Identifying candidate processes for redesign; • Prototyping potential solutions following SOA methodology; • Identifying modifications to automated processes. 	20	<p>4 points / project – Experience identifying candidate processes for redesign; 4 points / project – Experience prototyping potential solutions following SOA methodology; and 2 points / project – Experience identifying modifications to automated processes.</p>		
Maximum Total Score	80			

R4. B.13 Operations Support Specialist – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects providing system administration and systems operation support of web and application servers and their related software, including:</p> <ul style="list-style-type: none"> a. setting up user access, b. conducting user profile updates, c. conducting back-up and recovery, and d. day-to-day computer system operation, <p><i>The Bidder should demonstrate experience of the proposed resource with any combination of the listed technologies in the Scoring Factors column, through one or both projects:</i></p>	<p>30</p>	<p>2.5 points / project – Experience setting up user access; 2.5 points / project – Experience conducting user profile updates; 2.5 points / project – Experience conducting back-up and recovery; and 2.5 points / project – Experience in day-to-day computer system operations.</p> <p>Up to 10 additional points will be awarded for demonstrated experience on any one project using the technologies and processes listed below.</p> <p>4 points – Linux-based server 2 points - Java / JEE application development environment 1 point – Subversion (SVN) source code repository 1 point – JIRA bug tracking tool 1 point – Cruise Control automated build tool 1 point – Perl OR Linux Shell OR PHP and ColdFusion server side scripting languages</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects:</p> <ul style="list-style-type: none"> • as the primary system administrator for a Linux-based system; • installing and maintaining web and application servers and their related software; • creating or troubleshooting server side scripts (e.g. Perl; Linux Shell; PHP and ColdFusion); • configuring and managing a Subversion(SVN) source code repository; • configuring and managing JIRA as bug tracking software; • configuring and managing Cruise Control as an automated build tool. 	<p>40</p>	<p>4 points / project – Experience as the primary system administrator for a Linux-based system;</p> <p>4 points / project – Experience installing and maintaining web and application servers and their related software.</p> <p>3 points / project – Experience creating or troubleshooting server side scripts (e.g. Perl; Linux Shell; PHP and ColdFusion).</p> <p>3 points / project – Experience configuring and managing a Subversion(SVN) source code repository;</p> <p>3 points / project – Experience configuring and managing JIRA as bug tracking software; and</p> <p>3 points / project – Experience configuring and managing Cruise Control as an automated build tool.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in operations support core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing and documenting logical architectures and system configurations; • Developing the implementation plans for Java/J2EE development technical infrastructure; • Configuring and optimizing technical installations; • Identifying and resolving performance issues for servers; • Identifying and resolving connectivity problems for services; • Developing and documenting Operational Procedures. 	<p>20</p>	<p>2 points / project – Developing and documenting logical architectures and system configurations;</p> <p>2 points / project – Developing the implementation plans for Java/J2EE development technical infrastructure;</p> <p>2 points / project – Configuring and optimizing technical installations;</p> <p>2 points / project – Identifying and resolving performance issues for servers;</p> <p>1 points / project – Identifying and resolving connectivity problems for services; and</p> <p>1 point / project – Developing and documenting Operational Procedures.</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R5. Database Modeller / IM Modeller – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing or maintaining the data models and coordinating and controlling changes to the databases for Java / JEE applications.</p> <p><i>The Bidder should demonstrate experience of the proposed resource with any combination of the listed technologies and frameworks in the Scoring Factors columns, through one or both projects.</i></p>	<p>30</p>	<p>5 points / project – Experience developing or maintaining data models; and 5 points / project – Experience coordinating and controlling changes to databases.</p> <p><i>Up to 10 additional points will be awarded based on demonstration of experience on any one project using the following technologies and frameworks:</i></p> <p>3 points– Oracle version 11g or more recent; 2 points– PL/SQL scripting language; 2.5 points– Oracle RDMS containing a minimum of 40 entities; and 2.5 points– The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects supporting applications on an Oracle backend, including:</p> <ul style="list-style-type: none"> • writing complex SQL statements; • tuning complex SQL statements; • developing and implementing data migration/conversion plans; • developing data conversion procedures; • validating converted or migrated data. <p>Note: “complex SQL” refers to:</p> <p>1) Stored procedures which return result sets based on multiple joins and/or nested-select statements to map data from relational tables to an object-oriented structure,</p> <p>2) Stored procedures which use conditional logic to solve relationships joining data elements, often storing intermediate results in temporary tables, and</p> <p>3) Stored procedures which use conditional logic with insert, update, and delete statements to implement changes to data.</p>	<p>40</p>	<p>4 points / project – Experience writing complex SQL statements;</p> <p>4 points / project – Experience tuning complex SQL statements;</p> <p>4 points / project – Experience developing and implementing data migration/conversion plans;</p> <p>4 points / project – Experience developing data conversion procedures; and</p> <p>4 points / project – Experience validating converted/migrated data.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in data modelling core competencies, as follows:</p> <ul style="list-style-type: none"> Developing procedures and scripts (queries); Testing procedures in support of the development, integration and testing of new applications; Conceptual modeling; Logical modeling; and Physical modeling. 	20	<p>2 points / project – Developing procedures and scripts (queries);</p> <p>2 points / project – Testing procedures in support of the development, integration and testing of new applications;</p> <p>2 points / project – Conceptual modeling;</p> <p>2 points / project – Logical modeling; and</p> <p>2 points / project – Physical modeling.</p>		
Maximum Total Score	90			

R6. Application / Software Architect – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing technical architectures, frameworks and strategies to meet the business and applications requirements for either:</p> <p>A) application development projects; or</p> <p>B) application maintenance projects;</p> <p>where such projects involved development or enhancement of Java / JEE applications.</p>	30	<p>9 points / project – Experience developing technical architectures using Java / JEE 1.7.0 (or more recent);</p> <p>1 point / project – Experience developing technical architectures using Hibernate as Persistence Framework;</p> <p>1 point / project – Experience developing technical architectures using Spring as Inversion Control Framework;</p> <p>1 point / project – Experience developing technical architectures using Mojara or other JSF framework as Web UI Framework</p> <p>1 point / project – Experience developing technical architectures and frameworks using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing technical architectures and frameworks using open source framework to implement web services; and</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
		<p>1 point / project – The project required the resource to use the client’s IT security policies, standards, guidelines and procedures as input to technical architecture frameworks, strategies and other deliverables.</p>		
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java/JEE applications, using:</p> <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	<p>20</p>	<p>3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object or Data Access Object;</p> <p>3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent;</p> <p>2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.);</p> <p>2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.</p>		
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects leading a development team using the Rational Unified Process (RUP) development process.</p>	<p>20</p>	<p>5 points / project – Leading a development team through the RUP project lifecycle from Inception through to Transition; and</p> <p>5 points / project – Authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>4. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in application / software architecting core competencies, as follows:</p> <ul style="list-style-type: none"> • Identifying requirements for improvements to existing databases by determining users' information requirements and system performance and functional requirements; • aligning business domain object models with an enterprise data model; • developing functional and system design specifications; • reusing and leveraging COTS, open source or custom developed application components already present within the client organization within an application solution; • developing visual models in support of software development using Industry dominant visual modeling tools that support Unified Modeling Language (UML) diagramming and code generation or round-trip engineering (e.g. Eclipse based UML tools such as Eclipse UML2 / MyEclipse UML). 	<p>20</p>	<p>2 points / project – Identifying requirements for improvements to existing databases by determining users' information requirements and system performance and functional requirements;</p> <p>2 points / project – Experience aligning business domain object models with an enterprise data model;</p> <p>2 points / project – Experience developing functional and system design specifications;</p> <p>2 points / project – Experience reusing and leveraging COTS, open source or custom developed application components already present within the client organization within an application solution; and</p> <p>2 points / project – Experience developing visual models in support of software development using Industry dominant visual modeling tools that support Unified Modeling Language (UML) diagramming and code generation or round-trip engineering (e.g. Eclipse based UML tools such as Eclipse UML2 / MyEclipse UML).</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R7. A.6 Programmer / Software Developer – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience developing or enhancing applications using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience developing or enhancing applications using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing or enhancing applications using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java/JEE applications, using:</p> <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	20	<p>3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object;</p> <p>3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent;</p> <p>2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and</p> <p>2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.</p>		
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects as follows:</p> <ol style="list-style-type: none"> a. leading a development team using the Rational Unified Process (RUP) development process; and b. authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases. 	20	<p>5 points / project – Experience leading a development team through the RUP project lifecycle from Inception through to Transition;</p> <p>5 points / project – Experience authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>4. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in application / software development core competencies, as follows:</p> <ul style="list-style-type: none"> • developing functional and system design specifications using Java application development tools with Oracle databases; • developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases; • implementing Web-Service standards including WSDL, WS-*, and REST; • developing, implementing, and unit testing enterprise grade Java/J2EE applications; and • performing manual code changes and user interface changes using Java application development tools with Oracle databases. <p><i>Note: "WS-" is a prefix used to indicate specifications associated with Web Services and there exist many WS-* standards including, but not limited to, WS-Addressing, WS-Discovery, WS-Federation, WS-Policy, WS-Security, and WS-Trust.</i></p>	<p>20</p>	<p>2 points / project – Experience developing functional and system design specifications using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience implementing Web-Service standards including WSDL, WS-*, and REST;</p> <p>2 points / project – Experience developing, implementing, and unit testing enterprise grade Java/J2EE applications; and</p> <p>2 points / project – Experience performing manual code changes and user interface changes using Java application development tools with Oracle databases.</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R8. A.6 Programmer / Software Developer – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in developing or enhancing Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience developing or enhancing applications using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience developing or enhancing applications using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Mojava or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing or enhancing applications using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in developing or enhancing Java/JEE applications, using:</p> <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	<p>20</p>	<p>3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object;</p> <p>3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent;</p> <p>2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and</p> <p>2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in application / software development core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing functional and system design specifications using Java application development tools with Oracle databases; • Implementing Web-Service standards including WSDL, WS-*, and REST; • developing, implementing, and unit testing enterprise grade Java/J2EE applications; • performing manual code changes and user interface changes using Java application development tools with Oracle databases. <p><i>Note: "WS-" is a prefix used to indicate specifications associated with Web Services and there exist many WS-* standards including, but not limited to, WS-Addressing, WS-Discovery, WS-Federation, WS-Policy, WS-Security, and WS-Trust.</i></p>	<p>20</p>	<p>2 points / project – Experience developing functional and system design specifications using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience implementing Web-Service standards including WSDL, WS-*, and REST;</p> <p>2 points / project – Experience developing, implementing, and unit testing enterprise grade Java/J2EE applications; and</p> <p>2 points / project – Experience performing manual code changes and user interface changes using Java application development tools with Oracle databases.</p>		
<p>Maximum Total Score</p>	<p>70</p>			

R9. Test Coordinator – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in coordinating testing on projects involving development or enhancement of Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience coordinating testing on projects using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience coordinating testing on projects using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience coordinating testing on projects using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in test planning for application development or application enhancement projects.</p>	<p>20</p>	<p>2 points / project – Experience using automated testing tools;</p> <p>2 points / project – Experience defining roles and responsibilities of the test team;</p> <p>2 points / project – Experience defining test processes and procedures;</p> <p>2 points / project – Experience developing and presenting Test Plan recommendations to project / senior management; and</p> <p>2 points / project – Experience in the successful implementation of developed Test Plans.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in test coordination core competencies, as follows:</p> <ul style="list-style-type: none"> • Writing test methodology and test planning documents (i.e. writing test strategy documents); • Preparing associated presentation material for communication of test strategy methods and test outcomes; • performing Unit testing; • performing Integrated testing; • performing Performance testing. 	20	<p>2 points / project – Experience writing test methodology and test planning documents (i.e. writing test strategy documents);</p> <p>2 points / project – Experience preparing associated presentation material for communication of test strategy methods and test outcomes;</p> <p>2 points / project – Experience performing Unit testing;</p> <p>2 points / project – Experience performing Integrated testing; and</p> <p>2 points / project – Experience performing Performance testing.</p>		
Maximum Total Score	70			

R10. Tester – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>1. The Bidder should demonstrate that the proposed resource has experience on two (2) projects testing the development or enhancement of Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience testing development or enhancements using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience testing development or enhancements using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience testing development or enhancements using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience testing development or enhancements using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience testing development or enhancements using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience testing development or enhancements using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		
<p>2. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in performing testing using automated testing and bug tracking tools.</p>	<p>20</p>	<p>5 points / project – Experience using automated testing tools; and</p> <p>5 points / project – Experience using automated bug tracking tools for bug and problem identification (e.g. JProfiler, Rational Suite, etc.).</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	BIDDER RESPONSE	BIDDER SELF-SCORE
<p>3. The Bidder should demonstrate that the proposed resource has experience on two (2) projects in test planning and test execution core competencies, as follows:</p> <ul style="list-style-type: none"> • performing Unit testing; • performing Integrated testing; • performing Performance testing; • providing technical guidance to stakeholders during the User Acceptance Testing phase; • interacting with developers and Quality Assurance groups during application development. 	<p>20</p>	<p>2 points / project – Experience performing Unit testing; 2 points / project – Experience performing Integrated testing; 2 points / project – Experience performing Performance testing; 2 points / project – Experience providing technical guidance to stakeholders during the User Acceptance Testing phase; and 2 points / project – Experience interacting with developers and Quality Assurance groups during application development.</p>		
<p>Maximum Total Score</p>	<p>70</p>			

Solicitation Number:
01B68-171058/A

Amendment Number:

Buyer ID:
606 EL

**APPENDIX A OF ATTACHMENT 4.1
BIDDER PROJECT TEMPLATE**

Project # ____ of ____ <i>(For ease of reference purposes during evaluation)</i>	
Identify the Criteria Addressed by this Description (e.g. M1, R1.1, etc.):	
Contract Number / Project Reference Number	
Name of Client Organization	
Client Organization Contact(s) Name, Title, Contact information (Phone or e-mail)	
Date / Duration of Project (indicate MM/YY to MM/YY) <i>Note Projects must be a minimum duration of six (6) months in order to be considered.</i>	
Dollar value of Project (to the Client)	
Description of Client's technical environment Including the software/technology product(s) and frameworks used by the Bidder's resources and clear indication of the Module(s) and Version number(s) in order to demonstrate the applicable experience.	
Scope / Scale of Project Brief description of the Bidder's scope of the work that demonstrates the applicable experience.	
IT Resources deployed Identify the names and number of persons and categories of the nine (9) IT resources deployed on the project.	

Solicitation Number:
01B68-171058/A

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**APPENDIX B OF ATTACHMENT 4.1
RESOURCE PROJECT TEMPLATE**

Project # _____ <i>(For ease of reference purposes during evaluation)</i>	
Name of Proposed Resource	
Identify the Criteria Addressed by this Description (e.g. M2, R2.1, etc.):	
Contract Number / Project Reference Number	
Name of Client Organization	
Client Organization Contact(s) Name, Title, Contact information (Phone or e-mail)	
Date / Duration of Project (indicate MM/YY to MM/YY) <i>Note for Level 3 resources, Projects must be a minimum duration of six (6) months in order to be considered. Note for Level 2 resources, Projects must be a minimum duration of four (4) months in order to be considered.</i>	
Description of Client's technical environment Including the software/technology product(s) and frameworks used by the proposed Resource and clear indication of the Module(s) and Version number(s) in order to demonstrate the Resource's experience.	
Scope / Scale of Project Describe the activities completed by the Resource for the client organization.	
Dollar value of Project (to the Client):	
Describe the deliverables and outcomes delivered by the Bidder's resource in support of the client/organization's objectives.	

**ATTACHMENT 4.2
PRICING SCHEDULE**

Initial Contract Period:

Initial Contract Period		
Date of Contract award to _____		
	(B)	(C)
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	\$
B.1 Business Analyst	Level 2	\$
B.13 Operations Support Specialist	Level 3	\$
I.4 Database/IM Modeller	Level 2	\$
A.1 Application/Software Architect	Level 3	\$
A.6 Programmer/Software Developer	Level 3	\$
A.6 Programmer/Software Developer	Level 2	\$
A.10 Test Coordinator	Level 2	\$
A.11 Tester	Level 2	\$
P.7 Project Coordinator	Level 2	\$
I.4 Database/IM Modeller	Level 3	\$

Option Periods:

Option Period 1		
_____ to _____		
	(B)	(C)
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	\$
B.1 Business Analyst	Level 2	\$
B.13 Operations Support Specialist	Level 3	\$
I.4 Database/IM Modeller	Level 2	\$
A.1 Application/Software Architect	Level 3	\$
A.6 Programmer/Software Developer	Level 3	\$

A.6 Programmer/Software Developer	Level 2	\$
A.10 Test Coordinator	Level 2	\$
A.11 Tester	Level 2	\$
P.7 Project Coordinator	Level 2	\$
I.4 Database/IM Modeller	Level 3	\$

Option Period 2 _____ to _____		
	(B)	(C)
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	\$
B.1 Business Analyst	Level 2	\$
B.13 Operations Support Specialist	Level 3	\$
I.4 Database/IM Modeller	Level 2	\$
A.1 Application/Software Architect	Level 3	\$
A.6 Programmer/Software Developer	Level 3	\$
A.6 Programmer/Software Developer	Level 2	\$
A.10 Test Coordinator	Level 2	\$
A.11 Tester	Level 2	\$
P.7 Project Coordinator	Level 2	\$
I.4 Database/IM Modeller	Level 3	\$

Option Period 3 _____ to _____		
	(B)	(C)
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	\$
B.1 Business Analyst	Level 2	\$
B.13 Operations Support Specialist	Level 3	\$
I.4 Database/IM Modeller	Level 2	\$
A.1 Application/Software Architect	Level 3	\$
A.6 Programmer/Software Developer	Level 3	\$

A.6 Programmer/Software Developer	Level 2	\$
A.10 Test Coordinator	Level 2	\$
A.11 Tester	Level 2	\$
P.7 Project Coordinator	Level 2	\$
I.4 Database/IM Modeller	Level 3	\$

Option Period 4		
_____ to _____		
	(B)	(C)
Resource Category	Level of Expertise	Firm Per Diem Rate
P.9 Project Manager	Level 2	\$
B.1 Business Analyst	Level 2	\$
B.13 Operations Support Specialist	Level 3	\$
I.4 Database/IM Modeller	Level 2	\$
A.1 Application/Software Architect	Level 3	\$
A.6 Programmer/Software Developer	Level 3	\$
A.6 Programmer/Software Developer	Level 2	\$
A.10 Test Coordinator	Level 2	\$
A.11 Tester	Level 2	\$
P.7 Project Coordinator	Level 2	\$
I.4 Database/IM Modeller	Level 3	\$

APPENDIX A TO ANNEX A

TASKING ASSESSMENT PROCEDURE

1. Where a requirement for a specific task is identified, a draft Task Authorization Form (TA Form) as attached at Appendix B to Annex A will be provided to the Contractor. Once a draft TA Form is received, the Contractor must submit to the Project Authority a quotation of rates to supply the requested Resource Categories based on the information identified in the TA Form. The quotation must be signed and submitted to Canada within the time for response identified in the TA Form. The Contractor will be given a minimum of 48 hours turnaround time to submit a quotation.
2. For each proposed resource the Contractor must supply a résumé, the requested security clearance information and must complete the Response Tables at Appendix C of Annex A applicable to the Resource Categories identified in the draft TA. The same individual must not be proposed for more than one Resource Category. The résumés must demonstrate that each proposed individual meets the qualification requirements described (including any educational requirements, work experience requirements, and professional designation or membership requirements). With respect to the proposed resources:
 - (i) Proposed resources may be employees of the Contractor or employees of a subcontractor, or these individuals may be independent contractors to whom the Contractor would subcontract a portion of the Work. (Refer to Appendix D to Annex A, Certifications).
 - (ii) For educational requirements for a particular degree, designation or certificate, Canada will only consider educational programmes that were successfully completed by the resource before the date the draft TA was first issued to the Contractor.
 - (iii) For requirements relating to professional designation or membership, the resource must have the required designation or membership by the time of draft TA issuance and must continue, where applicable, to be a member in good standing of the profession or membership throughout the assessment period and Contract Period. Where the designation or membership must be demonstrated through a certification, diploma or degree, such document must be current, valid and issued by the entity specified in this Contract or if the entity is not specified, the issuer must have been an accredited or otherwise recognized body, institution or entity at the time the document was issued.
 - (iv) For work experience, Canada will not consider experience gained as part of an educational programme, except for experience gained through a formal co-operative programme at a post-secondary institution.
 - (v) For any requirements that specify a particular time period (e.g., 2 years) of work experience, Canada will disregard any information about experience if the résumé does not include the relevant dates (month and year) for the experience claimed (i.e., the start date and end date). Canada will evaluate only the duration that the resource actually worked on a project or projects (from his or her start date to end date), instead of the overall start and end date of a project or a combination of projects in which a resource has participated.
 - (vi) A résumé must not simply indicate the title of the individual's position, but must demonstrate that the resource has the required work experience by explaining the responsibilities and work performed by the individual while in that position. Only listing experience without providing any supporting data to describe responsibilities, duties and relevance to the requirement, or reusing the same wording as the TA Form, will not be considered "demonstrated" for the purposes of the assessment. The Contractor should provide complete details as to where, when, month and year, and how, through which activities / responsibilities, the stated qualifications / experience were obtained. In

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

3. The qualifications and experience of the proposed resources will be assessed against the requirements set out in Appendix C to Annex A to determine each proposed resource's compliance with the mandatory and rated criteria. Canada may request proof of successful completion of formal training, as well as reference information. Canada may conduct reference checks to verify the accuracy of the information provided. If reference checks are done, they will be conducted in writing by e-mail (unless the contact at the reference is only available by telephone). Canada will not assess any points or consider a mandatory criterion met unless the response is received within 5 working days. On the third working day after sending out the e-mails, if Canada has not received a response, Canada will notify the Contractor by e-mail, to allow the Contractor to contact its reference directly to ensure that it responds to Canada within 5 working days. Wherever information provided by a reference differs from the information supplied by the Contractor, the information supplied by the reference will be the information assessed. Points will not be allocated or a mandatory criteria considered as met if the reference customer is not a customer of the Contractor itself (for example, the customer cannot be the customer of an affiliate of the Contractor). Nor will points be allocated or a mandatory criteria considered as met if the customer is itself an affiliate or other entity that does not deal at arm's length with the Contractor. Crown references will be accepted.
4. During the assessment of the resources proposed, should the references for two or more resources required under that TA either be unavailable or fail to substantiate the required qualifications of the proposed resources to perform the required services, the Contracting Authority may find the quotation to be non-responsive.
5. Only quotations that meet all of the mandatory criteria will be considered for assessment of the point rated criteria. Each resource proposed must attain the required minimum score for the point rated criteria for the applicable Resource Category. If the minimum score for any proposed resource is less than what is required, the Contractor's quotation will be found to be non-responsive.
6. Once the quotation has been accepted by the Project Authority, the TA Form will be signed by Canada and provided to the Contractor for signature. The TA Form must be appropriately signed by Canada prior to commencement of any work. The Contractor must not commence work until a validly issued TA Form (the Task Authorization) has been received, and any work performed in its absence is done at the Contractor's own risk.

**APPENDIX B TO ANNEX A
TASK AUTHORIZATION FORM
(Provided under separate cover)**

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.

1.0 Mandatory Resource Evaluation Criteria:

M1. P.9 Project Manager – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>1.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience in managing application development or application maintenance projects, including experience in six (6) of the following nine (9) tasks:</p> <p>1.1.1 Managing the project during the development, implementation and operations start-up by ensuring resources are made available and that the project is developed and fully operational within previously agreed time, cost and performance parameters;</p> <p>1.1.2 Formulating statements of problems;</p> <p>1.1.3 Establishing procedures for the development and implementation of significant, new or modified project elements to solve these problems, and obtaining approval thereof;</p> <p>1.1.4 Defining and documenting the objectives for the project; determining budgetary requirements, the composition, roles and responsibilities and terms of reference for the project team;</p> <p>1.1.5 Reporting on progress of the project on an ongoing basis and at scheduled points in the life cycle;</p> <p>1.1.6 Meeting in conference with stakeholders and other project managers and stating problems in a form capable of being</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
solved; 1.1.7 Preparing plans, charts, tables and diagrams to assist in analyzing or displaying problems; 1.1.8 Working with a variety of project management tools; and 1.1.9 Obtaining project sign-off.			

M2. B.1 Business Analyst – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
2.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and documenting statements of requirements and performing business analyses of functional requirements to identify information, procedure and decision flows on an application development or an application maintenance project.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource's role that demonstrates the applicable experience.		

M3. B.13 Operations Support Specialist – Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
3.1 The Contractor must demonstrate that the proposed resource has a minimum of ten (10) years of experience providing system administration and systems operation support of an application, including: 3.1.1 setting up user access; 3.1.2 user profile updates; 3.1.3 back-up and recovery; and 3.1.4 day-to-day computer system operation.	(a) Organization Name (for whom the work was performed); (b) Start and completion dates (including year and month) of the performed work; (c) A brief description of the resource's role that demonstrates the applicable experience.		

M4. I.4 Database Modeller / IM Modeller – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>4.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and maintaining architecture and data models, and controlling and coordinating changes to the database for an application development or application maintenance project.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

M5. A.1 Application / Software Architect – Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>5.1 The Contractor must demonstrate that the proposed resource has a minimum of ten (10) years of experience developing technical architectures, frameworks and strategies to meet the business and applications requirements for an application development or application maintenance project.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

M6. Programmer/Software Developer - Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>6.1 The Contractor must demonstrate that the proposed resource has a minimum of ten (10) years of experience developing and preparing diagrammatic plans, designing detailed programs and flow charts, translating flowcharts into coded machine instructions, preparing sample data and testing, and developing operating instructions for reference.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

M7. Programmer/Software Developer - Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>7.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience developing and preparing diagrammatic plans, designing detailed programs and flow charts, translating flowcharts into coded machine instructions, preparing sample data and testing, and developing operating instructions for reference.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource's role that demonstrates the applicable experience.</p>		

M8. A.10 Test Coordinator – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>8.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience organizing and scheduling testing efforts (including the execution of system integration tests, specialized tests, and user acceptance tests) for an application development or application maintenance project.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource's role that demonstrates the applicable experience.</p>		

M9. A.11 Tester – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>9.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience developing test scenarios and test scripts and managing and monitoring test plans for various levels of testing including: unit testing, integration testing, and regression testing with an emphasis on automating the testing procedures for an application development or application maintenance project.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource's role that demonstrates the applicable experience.</p>		

M10. P.7 Project Coordinator – Level 2

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>10.1 The Contractor must demonstrate that the proposed resource has a minimum of five (5) years of experience supporting IM/IT project teams through preparation of project work plans, maintaining and updating project information and documentation, communicating with project team members and coordinating and preparing project documentation.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

M11. I.4 Database / IM Modeller – Level 3

MANDATORY EVALUATION CRITERIA	SUBMISSION REQUIREMENT	CONTRACTOR RESPONSE	CONTRACTOR SELF-ASSESSMENT
<p>11.1 The Contractor must demonstrate that the proposed resource has a minimum of ten (10) years of experience developing and maintaining architecture and data models, and controlling and coordinating changes to the database for an application development project or an application maintenance project.</p>	<p>(a) Organization Name (for whom the work was performed);</p> <p>(b) Start and completion dates (including year and month) of the performed work;</p> <p>(c) A brief description of the resource’s role that demonstrates the applicable experience.</p>		

2.0 Rated Resource Evaluation Criteria:

R1. P.9 Project Manager – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in managing application development or application maintenance projects in a federal or other public sector environment.</p>	<p>20</p>	<p>10 points / project – The project was for a Federal Government of Canada organization (department, agency or Crown Corporation) OR 7 points / project – The project was for a non-Federal government organization (i.e. Provincial, State, or municipality) OR 3.5 points / project – The project was for a non-government Public Sector organization (i.e. academic institutions, school boards and the health sector organizations).</p>		
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing and delivering presentations to senior management.</p> <p><i>Note: Senior Management is defined as Director General (DG), or equivalent within the Public Sector or General Manager or equivalent within the Private Sector, and above.</i></p>	<p>10</p>	<p>2 points / project –Developing presentations; 1 point / project – Presenting to Senior Management; and 2 points / project – Making recommendations to Senior Management based on the analysis of the presented material.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in project management core competencies, as follows:</p> <ul style="list-style-type: none"> • Defining and documenting project objectives; • Determining budgetary requirements; • Determining composition, roles and responsibilities of team members; • Determining Terms of Reference for the project team; • Developing a work breakdown structure and linking milestone/ tasks to the project timeline; • Tracking allocated resources and budget. 	20	<p>1 point / project – Experience defining and documenting the project objectives;</p> <p>2 points / project – Experience determining budgetary requirements;</p> <p>2 points / project – Experience determining composition, roles and responsibilities of team members;</p> <p>2 points / projects – Experience determining Terms of Reference for the project team;</p> <p>2 points/ project – Experience developing a work breakdown structure and linking milestone/ tasks to the project timeline; and</p> <p>1 point / project – Experience tracking allocated resources and budget.</p>		
<p>4. The Contractor should demonstrate that the proposed resource has experience on two (2) projects using MS Project to schedule & track activities.</p>	5	<p>2.5 points / project – Experience using MS Project to schedule & track activities.</p>		

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POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
5. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in risk management activities related to an application development project, as follows: <ul style="list-style-type: none">• Defining and quantifying risk;• Determining an approach to manage the identified risk; and• Successful management of the identified risk resulting in benefits to the client or lessons learned.	10	1.5 points / project – Description of the risk(s) involved in the cited project 1.5 points / projects – Identification of the approach used to manage the risk; and 2 points / projects – Description of the outcome of the project (i.e. was the risk successfully managed, lessons learned, benefits to the client).		
Maximum Total Score	65			

R2. B.1 Business Analyst – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing and defining client business requirements using Joint Application Development (JAD) sessions and documenting requirements in Use Case Format.</p>	<p>20</p>	<p>6 points / project – Experience meeting with clients individually and in Joint Application Development (JAD) sessions to define detailed business requirements; and</p> <p>4 points / project – Experience documenting requirements in Use Case format.</p>		
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects analyzing and documenting client business requirements using the Rational Unified Process Requirements Analysis Discipline and preparing business process maps and high-level work flows using the Unified Modeling Language methodology and modeling software tools.</p>	<p>40</p>	<p>10 points / project – Experience analyzing business functional requirements to identify information, procedures and decision flows following the RUP Requirements Analysis Discipline; and</p> <p>10 points / project – Experience preparing business process maps and high-level work flows using the Unified Modeling Language (UML) methodology and business, workflow and organizational modeling software tools.</p>		

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POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in business analysis core competencies, as follows: <ul style="list-style-type: none">Identifying candidate processes for redesign;Prototyping potential solutions following SOA methodology;Identifying modifications to automated processes.	20	4 points / project – Experience identifying candidate processes for redesign; 4 points / project – Experience prototyping potential solutions following SOA methodology; and 2 points / project – Experience identifying modifications to automated processes.		
Maximum Total Score	80			

B.13 B.13 Operations Support Specialist – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects providing system administration and systems operation support of web and application servers and their related software, including:</p> <ul style="list-style-type: none"> a. setting up user access, b. conducting user profile updates, c. conducting back-up and recovery, and d. day-to-day computer system operation. <p><i>The Contractor should demonstrate experience of the proposed resource with any combination of the listed technologies in the Scoring Factors column, through one or both projects.</i></p>	<p>30</p>	<p>2.5 points / project – Experience setting up user access; 2.5 points / project – Experience conducting user profile updates; 2.5 points / project – Experience conducting back-up and recovery; and 2.5 points / project – Experience in day-to-day computer system operations.</p> <p><i>Up to 10 additional points will be awarded based on demonstration of experience on any one project using the following technologies:</i></p> <p>4 points– Linux-based server 2 points - Java / JEE application development environment 1 point– Subversion (SVN) source code repository 1 point– JIRA bug tracking tool 1 point– Cruise Control automated build tool 1 point– Perl OR Linux Shell OR PHP and ColdFusion server side scripting languages</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects:</p> <ul style="list-style-type: none"> • as the primary system administrator for a Linux-based system; • installing and maintaining web and application servers and their related software; • creating or troubleshooting server side scripts (e.g. Perl; Linux Shell; PHP and ColdFusion); • configuring and managing a Subversion(SVN) source code repository; • configuring and managing JIRA as bug tracking software; • configuring and managing Cruise Control as an automated build tool. 	<p>40</p>	<p>4 points / project – Experience as the primary system administrator for a Linux-based system;</p> <p>4 points / project – Experience installing and maintaining web and application servers and their related software.</p> <p>3 points / project – Experience creating or troubleshooting server side scripts (e.g. Perl; Linux Shell; PHP and ColdFusion).</p> <p>3 points / project – Experience configuring and managing a Subversion(SVN) source code repository;</p> <p>3 points / project – Experience configuring and managing JIRA as bug tracking software; and</p> <p>3 points / project – Experience configuring and managing Cruise Control as an automated build tool.</p>		

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POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in operations support core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing and documenting logical architectures and system configurations; • Developing the implementation plans for Java/J2EE development technical infrastructure; • Configuring and optimizing technical installations; • Identifying and resolving performance issues for servers; • Identifying and resolving connectivity problems for services; • Developing and documenting Operational Procedures. 	<p>20</p>	<p>2 points / project – Developing and documenting logical architectures and system configurations;</p> <p>2 points / project – Developing the implementation plans for Java/J2EE development technical infrastructure;</p> <p>2 points / project – Configuring and optimizing technical installations;</p> <p>2 points / project – Identifying and resolving performance issues for servers;</p> <p>1 points / project – Identifying and resolving connectivity problems for services; and</p> <p>1 point / project – Developing and documenting Operational Procedures.</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R3. 1.4 Database Modeller / IM Modeller – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing or maintaining the data models and coordinating and controlling changes to the databases for Java / JEE applications.</p> <p><i>The Contractor should demonstrate experience of the proposed resource with any combination of the listed technologies and frameworks in the Scoring Factors column through one or both projects:</i></p>	<p>30</p>	<p>5 points / project – Experience developing or maintaining data models; and</p> <p>5 points / project – Experience coordinating and controlling changes to databases.</p> <p><i>Up to 10 additional points will be awarded on any one project based on demonstration of experience with the following technologies and frameworks:</i></p> <p>3 points– Oracle version 11g or more recent;</p> <p>2 points– PL/SQL scripting language;</p> <p>2.5 points– Oracle RDMS containing a minimum of 40 entities; and</p> <p>2.5 points– The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects supporting applications on an Oracle backend, including:</p> <ul style="list-style-type: none"> • writing complex SQL statements; • tuning complex SQL statements; • developing and implementing data migration/conversion plans; • developing data conversion procedures; • validating converted or migrated data. <p>Note: “complex SQL” refers to:</p> <p>1) Stored procedures which return result sets based on multiple joins and/or nested-select statements to map data from relational tables to an object-oriented structure,</p> <p>2) Stored procedures which use conditional logic to solve relationships joining data elements, often storing intermediate results in temporary tables, and</p> <p>3) Stored procedures which use conditional logic with insert, update, and delete statements to implement changes to data.</p>	<p>40</p>	<p>4 points / project – Experience writing complex SQL statements;</p> <p>4 points / project – Experience tuning complex SQL statements;</p> <p>4 points / project – Experience developing and implementing data migration/conversion plans;</p> <p>4 points / project – Experience developing data conversion procedures; and</p> <p>4 points / project – Experience validating converted/migrated data.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in data modelling core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing procedures and scripts (queries); • Testing procedures in support of the development, integration and testing of new applications; • Conceptual modeling; • Logical modeling; and • Physical modeling. 	20	<p>2 points / project – Developing procedures and scripts (queries);</p> <p>2 points / project – Testing procedures in support of the development, integration and testing of new applications;</p> <p>2 points / project – Conceptual modeling;</p> <p>2 points / project – Logical modeling; and</p> <p>2 points / project – Physical modeling.</p>		
Maximum Total Score	90			

R4. A.1 Application / Software Architect – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing technical architectures, frameworks and strategies to meet the business and applications requirements for either:</p> <p>A) application development projects; or</p> <p>B) application maintenance projects;</p> <p>where such projects involved development or enhancement of Java / JEE applications.</p>	30	<p>9 points / project – Experience developing technical architectures using Java / JEE 1.7.0 (or more recent);</p> <p>1 point / project – Experience developing technical architectures using Hibernate as Persistence Framework;</p> <p>1 point / project – Experience developing technical architectures using Spring as Inversion Control Framework;</p> <p>1 point / project – Experience developing technical architectures using Mojara or other JSF framework as Web UI Framework</p> <p>1 point / project – Experience developing technical architectures and frameworks using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing technical architectures and</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
		frameworks using open source framework to implement web services; and 1 point / project – The project required the resource to use the client’s IT security policies, standards, guidelines and procedures as input to technical architecture frameworks, strategies and other deliverables.		
2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java/JEE applications, using: <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	20	3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object or Data Access Object; 3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent; 2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); 2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.		
3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects leading a development team using the Rational Unified Process (RUP) development process.	20	5 points / project – Leading a development team through the RUP project lifecycle from Inception through to Transition; and 5 points / project – Authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases.		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>4. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in application / software architecting core competencies, as follows:</p> <ul style="list-style-type: none"> • Identifying requirements for improvements to existing databases by determining users' information requirements and system performance and functional requirements; • aligning business domain object models with an enterprise data model; • developing functional and system design specifications; • reusing and leveraging COTS, open source or custom developed application components already present within the client organization within an application solution; • developing visual models in support of software development using Industry dominant visual modeling tools that support Unified Modeling Language (UML) diagramming and code generation or round-trip engineering (e.g. Eclipse based UML tools such as Eclipse UML2 / MyEclipse UML). 	<p>20</p>	<p>2 points / project – Identifying requirements for improvements to existing databases by determining users' information requirements and system performance and functional requirements;</p> <p>2 points / project – Experience aligning business domain object models with an enterprise data model;</p> <p>2 points / project – Experience developing functional and system design specifications;</p> <p>2 points / project – Experience reusing and leveraging COTS, open source or custom developed application components already present within the client organization within an application solution; and</p> <p>2 points / project – Experience developing visual models in support of software development using Industry dominant visual modeling tools that support Unified Modeling Language (UML) diagramming and code generation or round-trip engineering (e.g. Eclipse based UML tools such as Eclipse UML2 / MyEclipse UML).</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R5. A.6 Programmer / Software Developer – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience developing or enhancing applications using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience developing or enhancing applications using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing or enhancing applications using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing or enhancing Java/JEE applications, using:</p> <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	20	<p>3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object;</p> <p>3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent;</p> <p>2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and</p> <p>2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.</p>		
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects as follows:</p> <ol style="list-style-type: none"> a. leading a development team using the Rational Unified Process (RUP) development process; and b. authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases. 	20	<p>5 points / project – Experience leading a development team through the RUP project lifecycle from Inception through to Transition;</p> <p>5 points / project – Experience authoring RUP artefacts including Elaboration and Construction Plans, Architecture Specifications, and Use Cases.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>4. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in application / software development core competencies, as follows:</p> <ul style="list-style-type: none"> • developing functional and system design specifications using Java application development tools with Oracle databases; • developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases; • implementing Web-Service standards including WSDL, WS-*, and REST; • developing, implementing, and unit testing enterprise grade Java/J2EE applications; and • performing manual code changes and user interface changes using Java application development tools with Oracle databases. <p>Note: "WS-" is a prefix used to indicate specifications associated with Web Services and there exist many WS-* standards including, but not limited to, WS-Addressing, WS-Discovery, WS-Federation, WS-Policy, WS-Security, and WS-Trust.</p>	<p>20</p>	<p>2 points / project – Experience developing functional and system design specifications using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience implementing Web-Service standards including WSDL, WS-*, and REST;</p> <p>2 points / project – Experience developing, implementing, and unit testing enterprise grade Java/J2EE applications; and</p> <p>2 points / project – Experience performing manual code changes and user interface changes using Java application development tools with Oracle databases.</p>		
<p>Maximum Total Score</p>	<p>90</p>			

R6. A.6 Programmer / Software Developer – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in developing or enhancing Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience developing or enhancing applications using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience developing or enhancing applications using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience developing or enhancing applications using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience developing or enhancing applications using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in developing or enhancing Java/JEE applications, using:</p> <ul style="list-style-type: none"> • a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object; • Oracle Application Server version 10.1.3 or more recent; • technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); • Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment. 	<p>20</p>	<p>3 points / project – Experience using a loosely coupled, component-based architecture based on design patterns such as: Model View Controller (MVC); Inversion of Control (IOC); Application Service /Service Façade; Business; Object and/or Data Access Object;</p> <p>3 points / project – Experience using Oracle Application Server version 10.1.3 or more recent;</p> <p>2 points / project – Experience using integration technologies that utilize open standards (e.g., SOAP, REST, XML, RMI, RPC, etc.); and</p> <p>2 points / project – Experience using Eclipse or an Eclipse-based tool (i.e. Rational Software Architect, CodeGear JBuilder, MyEclipse) as an Integrated Development Environment.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in application / software development core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing functional and system design specifications using Java application development tools with Oracle databases; • Implementing Web-Service standards including WSDL, WS-*, and REST; • developing, implementing, and unit testing enterprise grade Java/J2EE applications; • performing manual code changes and user interface changes using Java application development tools with Oracle databases. <p><i>Note: "WS-" is a prefix used to indicate specifications associated with Web Services and there exist many WS-* standards including, but not limited to, WS-Addressing, WS-Discovery, WS-Federation, WS-Policy, WS-Security, and WS-Trust.</i></p>	<p>20</p>	<p>2 points / project – Experience developing functional and system design specifications using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience developing applications, subsystems and interfaces creating interoperable services, modular services, and business processes using Java application development tools with Oracle databases;</p> <p>2 points / project – Experience implementing Web-Service standards including WSDL, WS-*, and REST;</p> <p>2 points / project – Experience developing, implementing, and unit testing enterprise grade Java/J2EE applications; and</p> <p>2 points / project – Experience performing manual code changes and user interface changes using Java application development tools with Oracle databases.</p>		
<p>Maximum Total Score</p>	<p>70</p>			

R7. A.10 Test Coordinator – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in coordinating testing on projects involving development or enhancement of Java / JEE applications.</p>	<p>30</p>	<p>4 points / project – Experience coordinating testing on projects using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience coordinating testing on projects using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Mojarra or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience coordinating testing on projects using Oracle RDMS 10g or more recent for persistent storage;</p> <p>1 point / project – Experience coordinating testing on projects using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in test planning for application development or application enhancement projects.</p>	<p>20</p>	<p>2 points / project – Experience using automated testing tools;</p> <p>2 points / project – Experience defining roles and responsibilities of the test team;</p> <p>2 points / project – Experience defining test processes and procedures;</p> <p>2 points / project – Experience developing and presenting Test Plan recommendations to project / senior management; and</p> <p>2 points / project – Experience in the successful implementation of developed Test Plans.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in test coordination core competencies, as follows:</p> <ul style="list-style-type: none"> • Writing test methodology and test planning documents (i.e. writing test strategy documents); • Preparing associated presentation material for communication of test strategy methods and/or test outcomes; • performing Unit testing; • performing Integrated testing; • performing Performance testing. 	20	<p>2 points / project – Experience writing test methodology and test planning documents (i.e. writing test strategy documents);</p> <p>2 points / project – Experience preparing associated presentation material for communication of test strategy methods and test outcomes;</p> <p>2 points / project – Experience performing Unit testing;</p> <p>2 points / project – Experience performing Integrated testing; and</p> <p>2 points / project – Experience performing Performance testing.</p>		
Maximum Total Score	70			

R8. A.11 Tester – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects testing the development or enhancement of Java / JEE applications.</p>	30	<p>4 points / project – Experience testing development or enhancements using Java / JEE 1.7.0 (or more recent);</p> <p>2 points / project – Experience testing development or enhancements using Hibernate as Persistence Framework;</p> <p>2 points / project – Experience testing development or enhancements using Spring as Inversion of Control Framework;</p> <p>2 points / project – Experience testing development or enhancements using Mojava or other JSF framework as Web UI Framework;</p> <p>2 points / project – Experience testing development or enhancements using Oracle RDMS 10g or more recent for persistent storage;</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
		<p>1 point / project – Experience testing development or enhancements using open source framework to implement web services; and</p> <p>2 points / project – The project followed the Rational Unified Process as the software development process framework.</p>		
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in performing testing using automated testing and bug tracking tools.</p>	20	<p>5 points / project – Experience using automated testing tools; and</p> <p>5 points / project – Experience using automated bug tracking tools for bug and problem identification (e.g. JProfiler, Rational Suite, etc.).</p>		
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in test planning and test execution core competencies, as follows:</p> <ul style="list-style-type: none"> • performing Unit testing; • performing Integrated testing; • performing Performance testing; • providing technical guidance to stakeholders during the User Acceptance Testing phase; • interacting with developers and Quality Assurance groups during application development. 	20	<p>2 points / project – Experience performing Unit testing;</p> <p>2 points / project – Experience performing Integrated testing;</p> <p>2 points / project – Experience performing Performance testing;</p> <p>2 points / project – Experience providing technical guidance to stakeholders during the User Acceptance Testing phase; and</p> <p>2 points / project – Experience interacting with developers and Quality Assurance groups during application development.</p>		
Maximum Total Score	70			

R9. P.7 Project Coordinator – Level 2

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects supporting IM/IT project teams in a federal or other public sector environment.</p>	20	<p>10 points / project – The project was for a Federal Government of Canada organization (department, agency or Crown Corporation) OR 7 points / project – The project was for a non-Federal government organization (i.e. Provincial, State, or municipality) OR 3.5 points / project – The project was for a non-government Public Sector organization (i.e. academic institutions, school boards and the health sector organizations).</p>		
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in project coordination core competencies, as follows:</p> <ul style="list-style-type: none"> • preparing project work plans; • maintaining and updating project information and documentation; • communicating with project team members and coordinating and preparing project documentation. 	30	<p>5 points / project – Experience preparing project work plans;</p> <p>5 points / project – Experience maintaining and updating project information and documentation; and</p> <p>5 points / project – Experience communicating with project team members and coordinating and preparing project documentation.</p>		
Maximum Total Score	50			

R10. 1.4 Database Modeller / IM Modeller – Level 3

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>1. The Contractor should demonstrate that the proposed resource has experience on two (2) projects developing or maintaining the data models and coordinating and controlling changes to the databases for Java / JEE applications.</p> <p><i>The Contractor should demonstrate experience of the proposed resource with any combination of the listed technologies and frameworks in the Scoring Factors column through one or both projects.</i></p>	<p>30</p>	<p>5 points / project – Experience developing or maintaining data models; and</p> <p>5 points / project – Experience coordinating and controlling changes to databases.</p> <p><i>Up to 10 additional points will be awarded on any one project based on demonstration of experience with the following technologies and frameworks:</i></p> <p>3 points – Oracle version 11g or more recent;</p> <p>2 points – PL/SQL scripting language;</p> <p>2.5 points – Oracle RDMS containing a minimum of 40 entities; and</p> <p>2.5 points – The project followed the Rational Unified Process as the software development process framework.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>2. The Contractor should demonstrate that the proposed resource has experience on two (2) projects supporting applications on an Oracle backend, including:</p> <ul style="list-style-type: none"> • writing complex SQL statements; • tuning complex SQL statements; • developing and implementing data migration/conversion plans; • developing data conversion procedures; • validating converted/migrated data. <p>Note: “complex SQL” refers to:</p> <p>1) Stored procedures which return result sets based on multiple joins and/or nested-select statements to map data from relational tables to an object-oriented structure,</p> <p>2) Stored procedures which use conditional logic to solve relationships joining data elements, often storing intermediate results in temporary tables, and</p> <p>3) Stored procedures which use conditional logic with insert, update, and delete statements to implement changes to data.</p>	<p>40</p>	<p>4 points / project – Experience writing complex SQL statements;</p> <p>4 points / project – Experience tuning complex SQL statements;</p> <p>4 points / project – Experience developing and implementing data migration/conversion plans;</p> <p>4 points / project – Experience developing data conversion procedures; and</p> <p>4 points / project – Experience validating converted/migrated data.</p>		

POINT-RATED EVALUATION CRITERIA	MAXIMUM POINTS	SCORING FACTORS	CONTRACTOR RESPONSE	CONTRACTOR SELF-SCORE
<p>3. The Contractor should demonstrate that the proposed resource has experience on two (2) projects in data modelling core competencies, as follows:</p> <ul style="list-style-type: none"> • Developing procedures and scripts (queries); • Testing procedures in support of the development, integration and testing of new applications; • Conceptual modeling; • Logical modeling; and • Physical modeling. 	20	<p>2 points / project – Developing procedures and scripts (queries);</p> <p>2 points / project – Testing procedures in support of the development, integration and testing of new applications;</p> <p>2 points / project – Conceptual modeling;</p> <p>2 points / project – Logical modeling; and</p> <p>2 points / project – Physical modeling.</p>		
Maximum Total Score	90			

APPENDIX D TO ANNEX A
CERTIFICATIONS AT THE TA STAGE

The following Certifications are to be used, as applicable. If they apply, they must be signed and attached to the Contractor's quotation when it is submitted to Canada.

1. CERTIFICATION OF EDUCATION AND EXPERIENCE

The Contractor certifies that all the information provided in the résumés and supporting material proposed for completing the subject work, particularly the information pertaining to education, achievements, experience and work history, has been verified by the Contractor to be true and accurate. Furthermore, the Contractor warrants that every individual proposed by the Contractor for the requirement is capable of performing the Work described in the Task Authorization.

Print name of authorized individual & sign above

Date

2. CERTIFICATION OF AVAILABILITY OF PERSONNEL

The Contractor certifies that, should it be authorized to provide services under this Task Authorization, the persons proposed in the quotation will be available to commence performance of the work within a reasonable time from the date of issuance of the valid Task Authorization, or within the time specified in the TA Form, and will remain available to perform the work in relation to the fulfillment of the requirement.

Print name of authorized individual & sign above

Date

3. CERTIFICATION OF STATUS OF PERSONNEL

If the Contractor has proposed any individual who is not an employee of the Contractor, the Contractor certifies that it has permission from that individual to propose his/her services in relation to the Work to be performed under this TA and to submit his/her résumé to Canada. At any time during the Contract Period the Contractor must, upon request from the Contracting Authority, provide the written confirmation, signed by the individual, of the permission that was given to the Contractor of his/her availability. Failure to comply with the request may result in a default under the Contract in accordance with the General Conditions.

Print name of authorized individual & sign above

Date

4. CERTIFICATION OF LANGUAGE – English Essential

The Contractor certifies that the proposed resource(s) in response to this draft Task Authorization is/are fluent in English. The individual(s) proposed must be able to communicate orally and in writing in English without any assistance and with minimal errors.

Print name of authorized individual & sign above

Date

ATTACHMENT 5.1

FEDERAL CONTRACTORS PROGRAM FOR EMPLOYMENT EQUITY - CERTIFICATION

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

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

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

Complete both A and B.

A. Check only one of the following:

- A1. The Bidder certifies having no work force in Canada.
- A2. The Bidder certifies being a public sector employer.
- A3. The Bidder certifies being a federally regulated employer being subject to the [Employment Equity Act](#).
- A4. The Bidder certifies having a combined work force in Canada of less than 100 employees (combined work force includes: permanent full-time, permanent part-time and temporary employees [temporary employees only includes those who have worked 12 weeks or more during a calendar year and who are not full-time students]).
- A5. The Bidder has a combined workforce in Canada of 100 or more employees; and
 - A5.1 The Bidder certifies already having a valid and current [Agreement to Implement Employment Equity \(AIEE\)](#) in place with ESDC-Labour.

OR

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

B. Check only one of the following:

- B1. The Bidder is not a Joint Venture.

OR

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



Government of Canada / Gouvernement du Canada

SRCL 3691-112016

Contract Number / Numéro du contrat Common PS SRCL#19
Security Classification / Classification de sécurité Unclassified

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

PART A - CONTRACT INFORMATION / PARTIE A - INFORMATION CONTRACTUELLE

1. Originating Government Department or Organization / Ministère ou organisme gouvernemental d'origine	AAFC	2. Branch or Directorate / Direction générale ou Direction Information Systems Branch/Application and Knowledge Services
---	------	--

3. a) Subcontract Number / Numéro du contrat de sous-traitance	3. b) Name and Address of Subcontractor / Nom et adresse du sous-traitant
--	---

4. Brief Description of Work / Brève description du travail
Professional services to support the maintenance and enhancement of the Business Risk Management System (BRMS)

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

5. b) Will the supplier require access to unclassified military technical data subject to the provisions of the Technical Data Control Regulations?
Le fournisseur aura-t-il accès à des données techniques militaires non classifiées qui sont assujetties aux dispositions du Règlement sur le contrôle des données techniques? No / Non Yes / Oui

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

6. a) Will the supplier and its employees require access to PROTECTED and/or CLASSIFIED information or assets?
Le fournisseur ainsi que les employés auront-ils accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS? (Specify the level of access using the chart in Question 7. c)
(Préciser le niveau d'accès en utilisant le tableau qui se trouve à la question 7. c) No / Non Yes / Oui

6. b) Will the supplier and its employees (e.g. cleaners, maintenance personnel) require access to restricted access areas? No access to PROTECTED and/or CLASSIFIED information or assets is permitted.
Le fournisseur et ses employés (p. ex. nettoyeurs, personnel d'entretien) auront-ils accès à des zones d'accès restreintes? L'accès à des renseignements ou à des biens PROTÉGÉS et/ou CLASSIFIÉS n'est pas autorisé. No / Non Yes / Oui

6. c) Is this a commercial courier or delivery requirement with no overnight storage?
S'agit-il d'un contrat de messagerie ou de livraison commerciale sans entreposage de nuit? No / Non Yes / Oui

7. a) Indicate the type of information that the supplier will be required to access / Indiquer le type d'information auquel le fournisseur devra avoir accès

Canada <input checked="" type="checkbox"/>	NATO / OTAN <input type="checkbox"/>	Foreign / Étranger <input type="checkbox"/>
--	--------------------------------------	---

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

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

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

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



Contract Number / Numéro du contrat
Security Classification / Classification de sécurité

PART A (continued) / PARTIE A (suite)

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

If Yes, indicate the level of sensitivity:

Dans l'affirmative, indiquer le niveau de sensibilité :

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

Short Title(s) of material / Titre(s) abrégé(s) du matériel :

Document Number / Numéro du document :

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

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

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

Special comments:

Commentaires spéciaux : All resource categories and levels require secret.

NOTE: If multiple levels of screening are identified, a Security Classification Guide must be provided.

REMARQUE : Si plusieurs niveaux de contrôle de sécurité sont requis, un guide de classification de la sécurité doit être fourni.

10. b) May unscreened personnel be used for portions of the work? No Yes
 Du personnel sans autorisation sécuritaire peut-il se voir confier des parties du travail? Non Oui
 If Yes, will unscreened personnel be escorted? No Yes
 Dans l'affirmative, le personnel en question sera-t-il escorté? Non Oui

PART C - SAFEGUARDS (SUPPLIER) / PARTIE C - MESURES DE PROTECTION (FOURNISSEUR)

INFORMATION / ASSETS / RENSEIGNEMENTS / BIENS

11. a) Will the supplier be required to receive and store PROTECTED and/or CLASSIFIED information or assets on its site or premises? No Yes
 Le fournisseur sera-t-il tenu de recevoir et d'entreposer sur place des renseignements ou des biens PROTÉGÉS et/ou CLASSIFIÉS? Non Oui
11. b) Will the supplier be required to safeguard COMSEC information or assets? No Yes
 Le fournisseur sera-t-il tenu de protéger des renseignements ou des biens COMSEC? Non Oui

PRODUCTION

11. c) Will the production (manufacture, and/or repair and/or modification) of PROTECTED and/or CLASSIFIED material or equipment occur at the supplier's site or premises? No Yes
 Les installations du fournisseur serviront-elles à la production (fabrication et/ou réparation et/ou modification) de matériel PROTÉGÉ et/ou CLASSIFIÉ? Non Oui

INFORMATION TECHNOLOGY (IT) MEDIA / SUPPORT RELATIF A LA TECHNOLOGIE DE L'INFORMATION (TI)

11. d) Will the supplier be required to use its IT systems to electronically process, produce or store PROTECTED and/or CLASSIFIED information or data? No Yes
 Le fournisseur sera-t-il tenu d'utiliser ses propres systèmes informatiques pour traiter, produire ou stocker électroniquement des renseignements ou des données PROTÉGÉS et/ou CLASSIFIÉS? Non Oui
11. e) Will there be an electronic link between the supplier's IT systems and the government department or agency? No Yes
 Disposera-t-on d'un lien électronique entre le système informatique du fournisseur et celui du ministère ou de l'agence gouvernementale? Non Oui



Contract Number / Numéro du contrat
Security Classification / Classification de sécurité

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

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

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

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

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

SUMMARY CHART / TABLEAU RÉCAPITULATIF

Category Catégorie	PROTECTED PROTÉGÉ			CLASSIFIED CLASSIFIÉ			NATO				COMSEC					
	A	B	C	CONFIDENTIAL	SECRET	TOP SECRET	NATO RESTRICTED	NATO CONFIDENTIAL	NATO SECRET	COSMIC TOP SECRET	PROTECTED PROTÉGÉ			CONFIDENTIAL	SECRET	TOP SECRET
				CONFIDENTIEL		TRÈS SECRET	NATO DIFFUSION RESTRENTE	NATO CONFIDENTIEL		A	B	C	CONFIDENTIEL		TRÈS SECRET	
Information / Assets Renseignements / Biens	<input type="checkbox"/>															
Production	<input type="checkbox"/>															
IT Media / Support TI	<input type="checkbox"/>															
IT Link / Lien électronique	<input type="checkbox"/>															

12. a) Is the description of the work contained within this SRCL PROTECTED and/or CLASSIFIED?
La description du travail visé par la présente LVERS est-elle de nature PROTÉGÉE et/ou CLASSIFIÉE? No / Non Yes / Oui

If Yes, classify this form by annotating the top and bottom in the area entitled "Security Classification".
Dans l'affirmative, classifiez le présent formulaire en indiquant le niveau de sécurité dans la case intitulée « Classification de sécurité » au haut et au bas du formulaire.

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

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



Government of Canada
Gouvernement du Canada

Contract Number / Numéro du contrat
Security Classification / Classification de sécurité

PART D - AUTHORIZATION / PARTIE D - AUTORISATION

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

Name (print) - Nom (en lettres moulées) Maureen Fitzsimons	Title - Titre Manager	Signature <i>Maureen Fitzsimons</i>
Telephone No. - N° de téléphone 204-259-5139	Facsimile No. - N° de télécopieur 204-259-5101	E-mail address - Adresse courriel maureen.fitzsimons@agr.gc.ca
		Date November 15, 2016

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

Name (print) - Nom (en lettres moulées) <i>Lise Levesque-Masson</i>	Title - Titre <i>Spec Coordinator</i>	Signature <i>Lise Levesque-Masson</i>
Telephone No. - N° de téléphone <i>613-773-1464</i>	Facsimile No. - N° de télécopieur <i>613-773-1485</i>	E-mail address - Adresse courriel <i>lise.levesque-masson@agr.gc.ca</i>
		Date <i>Nov 16, 2016</i>

15. Are there additional instructions (e.g. Security Guide, Security Classification Guide) attached? *agr.gc.ca* No Yes
Des instructions supplémentaires (p. ex. Guide de sécurité, Guide de classification de la sécurité) sont-elles jointes? Non Oui

16. Procurement Officer / Agent d'approvisionnement

Name (print) - Nom (en lettres moulées) <i>Sylvana Mansour</i>	Title - Titre <i>SUPPLY SPECIALIST</i>	Signature <i>Sylvana Mansour</i>
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel
		Date

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

Name (print) - Nom (en lettres moulées)	Title - Titre	Signature Saumur, Jacques 0
Telephone No. - N° de téléphone	Facsimile No. - N° de télécopieur	E-mail address - Adresse courriel
		Date

Digitally signed by Saumur, Jacques 0
DN: c=CA, o=GC, ou=PWGSC-TPSGC,
cn=Saumur, Jacques 0
Date: 2017.02.02 13:38:31 -05'00'

Jacques Saumur
Contract Security Officer
Contracts Security Division | Division des contrats sécurité /
Contract Security Program | Programme de sécurité des contrats /
Public Services and Procurement Canada | Services publics et Approvisionnement Canada
Jacques.Saumur@tpsgc-pwgsc.gc.ca
Telephone | Téléphone 613-948-1732
Facsimile | Télécopieur 613-948-1712



TASK AUTHORIZATION FORM FORMULAIRE D'AUTORISATION DE TÂCHES

PART 1 (completed by the Technical/Project Authority) / **PARTIE 1** (complété par le Responsable technique / Chargé du projet)

A. General Information / Informations générales				
Contract Number / Numéro du contrat :				
Contractor Name / Nom du Contracteur :				
Task Authorization (TA) No. N° de l'autorisation de tâches (AT) :	Commitment No. N° de l'engagement :	Financial Coding Code financier :	Date of Issuance Date d'émission :	Response required by Réponse requise d'ici le :

B. For Amendments Only / Aux fins de modification seulement
Amendment No. / N° de la modification :
Reason for the Amendment / Raison pour la modification :

C. TA Requirements / Exigences relatives à l'AT			
Required Resource(s) / Ressource(s) requise(s)			
Category and Level Catégorie et Niveau	Estimated Level of Effort (days) / Niveau d'effort estimatif (jours)	Linguistic Profile / Profil linguistique	Required Level(s) of Security / Niveau(x) de sécurité requis
Statement of Work (tasks, deliverables, reports, etc.) / Énoncé des travaux (tâches, livrables, rapports, etc.)			
See attached / Voir pièce jointe			

Period of Services / Période de service:	
Initial Start Date / Date de début initiale :	Initial End Date / Date de fin initiale :
Extended End Date (See Reason for the Amendment) / Date de fin prolongée (voir Raison pour la modification):	
<input type="checkbox"/> Option To Extend Initial End Date / Option pour prolonger la date de fin initiale	
Optional End Date(S) / Date(s) de fin optionnelle(s)	Status / Statut
	<input type="radio"/> In Effect / en vigueur
Travel Requirement(s) / Exigence(s) de voyage :	n/a
Work Location(s) / Lieu(x) de travail :	

PART 2 (completed by the Contractor and/or the Technical/Project Authority) / **PARTIE 2** (complété par le Contracteur et/ou le Responsable technique / Chargé du projet)

Contractor Resource(s) and Estimated Cost / Ressource(s) du Contracteur et Coût total estimatif					
Note: once approved, only the following resources may provide services under this TA. / Nota : une fois approuvée, seules les ressources suivantes peuvent fournir des services sous la présente AT					
Name / Nom Category and Level / Catégorie et Niveau	PWGSC Security File No. / N° du dossier de sécurité TPSGC	Linguistic Profile / Profil linguistique	Per Diem Rate / Taux journalier	Estimated Level of Effort (days) / Niveau d'effort estimatif (jours)	Total Estimated Cost / Coût total estimatif
0					\$0.00
0					\$0.00

Estimated Cost / Coût estimatif	\$0.00
Total Estimated Travel and Living Cost / Coût total estimatif de voyage et de vie	\$0.00
Total Estimated Cost / Coût total estimatif	\$0.00

PART 3 - TA APPROVAL BY CANADA / PARTIE 3 - APPROBATION DE L'AT PAR LE CANADA

<p>By signing this TA, the authorized client authority and/or the PWGSC Contracting Authority certify(ies) that the content of this TA is in accordance with the conditions of the Contract.</p> <p>The client's authorization limit is \$300,000. When the value of a TA and its amendments (excluding Applicable Taxes) is in excess of this limit, the TA must be signed by the authorized client and forwarded to the PWGSC Contracting Authority for authorization.</p>	<p>En apposant sa signature sur l'AT, le client autorisé et/ou l'autorité contractante de TPSGC atteste(nt) que le contenu de cette AT est conforme aux conditions du contrat.</p> <p>La limite d'autorisation du client est \$300,000. Lorsque la valeur de l'AT et ses modifications (excluant les taxes applicables) dépasse cette limite, l'AT doit être signée par le client autorisé et transmise à l'autorité contractante de TPSGC pour autorisation.</p>				
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%; border-bottom: 1px solid black;">Name of Authorized Client / Nom du client autorisé</td> <td style="width: 17%; border-bottom: 1px solid black;">Date</td> <td style="width: 33%; border-bottom: 1px solid black;">Name of Contracting Authority / Nom de l'autorité contractante</td> <td style="width: 17%; border-bottom: 1px solid black;">Date</td> </tr> </table>	Name of Authorized Client / Nom du client autorisé	Date	Name of Contracting Authority / Nom de l'autorité contractante	Date	
Name of Authorized Client / Nom du client autorisé	Date	Name of Contracting Authority / Nom de l'autorité contractante	Date		
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Signature</td> <td style="width: 50%; border-bottom: 1px solid black;">Signature</td> </tr> </table>	Signature	Signature			
Signature	Signature				

PART 4 - CONTRACTOR SIGNATURE / PARTIE 4 - SIGNATURE DU CONTRACTEUR

<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;">Name and Title of individual authorized to sign on behalf of the Contractor / Nom et titre Signature de la personne autorisée à signer au nom de l'entrepreneur</td> <td style="width: 50%; border-bottom: 1px solid black;">Signature</td> </tr> </table>	Name and Title of individual authorized to sign on behalf of the Contractor / Nom et titre Signature de la personne autorisée à signer au nom de l'entrepreneur	Signature	<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border-bottom: 1px solid black;"></td> <td style="width: 50%; border-bottom: 1px solid black;">Date</td> </tr> </table>		Date
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