**REQ NUMBER 47268 Application Developer Senior**

Directions

For **each** Mandatory Requirement and Desirable Skill or Attribute, unless otherwise requested, provide:

* The client work was performed for as well as the dates (month and year) and duration of the engagement
* A list of the project(s) and/or role(s) in which the candidate’s experience was obtained. Include a brief overview of the project/role and an achievement or result(s) specific to the requirement.
* A reference to the candidate’s resume where additional information pertaining to the requirement can be found.

Refer to the example responses below. Candidate responses should explicitly address the requirement and be structured as per the **Quality Response** table below. Avoid responses similar to those in the **Poor Responses** table.

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Quality Response** | | |
| **Requirement** | | **Required Experience** | **Candidate Response \*\*** |
| **M1** | Experience managing a minimum of three projects for an organization of equivalent size and complexity to the Government of Alberta. | 3 projects | Senior resource with 8 years of experience as a Senior Project Manager obtained from the following projects:  **ABC Company: DEF Project, Senior Project Manager, December 2011- December 2014 (3 years).**  Project 1   * Brief overview of the project/role and the project budget. * Achievement or results pertaining to the requirement. * Reference to candidate resume where additional information pertaining to the requirement can be found.   **XYZ Company: Senior Project Manager, November 2007-November 2011 (5 years).**  Project 1   * Brief overview of the project/role and the project budget. * Achievement or results pertaining to the requirement. * Reference to candidate resume where additional information pertaining to the requirement can be found.   Project 2   * Brief overview of the project/role and the project budget. * Achievement or results pertaining to the requirement. * Reference to candidate resume where additional information pertaining to the requirement can be found. |

|  | | Poor Responses | |
| --- | --- | --- | --- |
| Requirement | | Required Experience | Candidate Response (Poor Responses – Risk Failure) |
| M1 | Experience managing a minimum of three projects for an organization of equivalent size and complexity to the Government of Alberta. | 3 projects | Senior resource with 10 years of experience. Company A: Mar.2011 to Jan. 2014 Company B: Nov 2001 to Feb. 2011 |
| M1 | Experience managing a minimum of three projects for an organization of equivalent size and complexity to the Government of Alberta. | 3 projects | 25 years as a project manager working on a variety of projects across several sectors. |
| M1 | Experience managing a minimum of three projects for an organization of equivalent size and complexity to the Government of Alberta. | 3 projects | See E2 above. |
| M1 | Experience managing a minimum of three projects for an organization of equivalent size and complexity to the Government of Alberta. | 3 projects | Refer to resume, pages 2, 3, 4, 5. |

**REQ NUMBER 47268 Application Developer Senior**

**Candidate Name : Jeff Wu**

**Mandatory Requirements**

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| --- | --- | --- | --- |
|  |  | **\*Required Amount of Experience** | **\*\*Candidate Response** |
| M1 | Proposed resource **must** be submitted at a rate of $75.00 or less for all possible terms. Note that proposed rates which are lower than this maximum rate will receive a higher score in evaluation. | YES | Yes, Proposed resource is submitted at a rate of $75.00 |
| M2 | The proposed resource must meet or exceed one of the following combinations of education or certification and experience in the resource role:   * University graduation in business, management or a related discipline and four years related experience;   OR   * two-year diploma in business, management or a related discipline from a recognized post-secondary institution and six years related experience;   OR   * a one-year certificate in business, management or a related discipline from a recognized post-secondary institution and seven years related experience;   OR   * a currently active professional certification or accreditation in a related discipline from a recognized issuing body and seven years related experience. | YES/NO | Senior resource has Bachelor degree and master degree in Computing Science from University of Alberta and have 10 years of professional experience as a developer:   1. As software engineer in AMMI lab from May 2005 to May 2008 (3 years) 2. As senior application developer in Enbridge Pipeline from July 2008 to July 2010 (2 years) 3. As senior developer in Alberta Pension Service Corporation from August 2010 to April 2013 (2 years and 6 months) 4. As senior developer in GE Intelligent Platforms from May 2013 to December 2013 (10 months) 5. As senior developer in Enbridge Pipelines from January 2014 to July 2015 ( 1 year and 6 months)   As senior developer in iATS Payments (6 months) |
| M3 | Experience with J2EE and JAVA 1.7 or higher (combined experience must meet or exceed minimum) | 6 Years | Senior resource has 6 years of experience from the following projects:  **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop web applications using JAVA 1.7   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop web application using JAVA 1.6/1.7 (1.7 was released in 2011)   **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Design and develop web applications using J2EE and JAVA 1.6 |
| M4 | Demonstrated experience with Java Server Pages (JSP) or Java Server Pages Standard Tag Library (JSTL) | 6 Years | Senior resource has 6 years of experience from the following projects:  **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop web applications using JSF   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop web application using JSF/JSP, Structs   **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Design and develop web applications using JSTL, Sevlet |
| M5 | Demonstrated experience with any of the following frameworks: Seam, JSF, Hibernate, Ajax, | 5 years | Senior resource has 6 years of experience from the following projects:  **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop web applications using JSF, Hibernate, Ajax   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop web application using JSF/JSP, Structs, Hibernate, Ajax   **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Design and develop web applications using JSTL, Sevlet, Hibernate |
| M6 | Demonstrated experience with any HTML, JavaScript, XML or CSS. | 6 Years | Senior experience has 7 years of experience with HTML, Javascript, XML or CSS:  **Enbridge Pipeline, July 2008 - July 2010. (2 years)**   1. Develop and maintain application using HTML, JavaScript and XML   **Alberta Pension Service Corporation, August 2010 - April 2013 (2 years and 6 months)**   1. Develop and maintain application using HTML, JavaScript, XML and CSS   **GE Intelligent Platforms, May 2013 - December 2013 (8 months)**   1. Develop and maintain application using HTML, JavaScript, XML and CSS   **Enbridge Pipeline, January 2014 to July 2015 (1 year and 6 months)**   1. Develop and maintain application using HTML, JavaScript, XML and CSS   **iATS payments, August 2015 to January 2016 (6 months)**   1. Develop and maintain application using HTML, JavaScript, XML and CSS |
| M7 | Experience with JUnit or similar for unit testing | 6 Years | Senior resource has 7 years of experience designing and implementing unit testing, perform system testing with QA and adapting the test-driven approach in various projects:  **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Write unit tests to maintain and improve the quality of legacy code base during the upgrade 2. Working with QA to perform integration testing and UAT   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Write unit tests to improve the existing employer portal 2. Use test driven development process to ensure the quality of new extension system 3. Working with QA team to perform integration testing and UAT   **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)**   1. Write unit tests to improve the quality of the legacy code base   **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Follow TDD in each sprint of the development process to ensure high quality of the feature being implemented 2. Working with SME for integration testing and UAT   **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)**   1. Coach the development to adapt the TDD framework for new development project 2. Write unit tests to harness the legacy code and improve the overall quality of the new software/systems |
| M8 | Experience in developing the Mobile Web Application | 5 years | Senior resource has 5 years of experience designing and developing mobile web applications from the following:  **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop mobile web application   **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)**   1. Design and develop mobile web application   **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop mobile web application   **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)**   1. Design and develop mobile web application |
| M9 | Experience with data architecture planning management and associated methods and processes | 5 years | Senior resource has 7 years of experience with Data modelling and database design from the following:  **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Redesign the database as part of the upgrade   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Analyze business requirements and translate them into data requirements. 2. Design and implement the database schema   **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)**   1. Analyze business requirements and translate them into data requirements. 2. Design and implement the database schema   **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Analyze business requirements and translate them into data requirements. 2. Design and implement the database schema   **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)**   1. Analyze business requirements and translate them into data requirements. 2. Design and implement the database schema |
| M10 | Experience in developing solution using Web-Services | 6 years | Senior resource has 7 years of experience with developing solutions using web services from the following:  **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)**   1. Design and develop web services   **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop web services   **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)**   1. Design and develop web services   **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop web services   **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)**   1. Design and develop web services |

**Desirable Skills and Attributes**

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| --- | --- | --- | --- |
|  |  | **\*Minimum Experience** | **\*\*Candidate Response** |
| D1 | Experience in enterprise application development. | 4 years | Senior resource has 7 years of experience in enterprise application development from the following:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |  |
| D2 | Experience with SQL Server(2008 and above) | 2 years | Senior resource has 7 years of experience working with SQL server from the following:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |
| D3 | Experience in designing applications in web-based development environment with mobile platforms | 2 years | Senior resource has 5 years of experience designing and developing mobile web applications from the following:  **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)**   1. Design and develop mobile web application   **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)**   1. Design and develop mobile web application   **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)**   1. Design and develop mobile web application   **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)**   1. Design and develop mobile web application |
| D4 | Experience with Oracle 10g or higher, and related tools like TOAD | 5 years | Senior resource has more than 2 years working with Oracle database from the following:  **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** |
| D5 | Experience in developing Mobile Apps | 5 years | N/A |
| D6 | Experience for having transitioned an application to Application Management with specified guidelines from PMO. | 2 years | Senior resource has 7 years of experience with transition an application to support team following guidelines:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |
| D7 | Experience with SQL Server(2008 and above) tools   * Analysis Service * Reporting Services * Information Services | 2 years | Senior resource has 8 months of experience working with SQL Server Reporting Service from the following:   1. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** |
| D8 | Demonstrated experience with software development and delivery methodologies such as iterative (model-based) or agile methods | 8 years | Senior resource has 7 years of experience with  Iterative development and agile development practices from the following:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |
| D9 | Knowledge of application architecture trends, frameworks, methods and guidelines and related concepts | 7 years | Senior resource has 7 years of experience with introducing the latest architecture trends, frameworks and methods into projects from the following:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |
| D10 | Experience in design and development of enterprise solution and integration with other enterprise application for spatial and other information for an organization sizeable and complex equivalence to Alberta Transportation | 2 years | Senior resource has 7 years of experience working for an organization complex equivalence to Alberta Transportations from the following:   1. **Enbridge Pipeline: SCADA server software platform upgrade project, July 2008 – July 2010 (2 years)** 2. **Alberta Pension Service Corporation: Employer Compliance System project, August 2010 – April 2013 (2 years and 6 months)** 3. **GE Intelligent Platforms: GE software version notification service project and Russian character support project, May 2013 – December 2013 (8 months)** 4. **Enbridge Pipeline: Leak detection trainer upgrade project, January 2014 – July 2015 (1 year and 6 months)** 5. **iATS Payments: Universal Postback project and Next Generation project, August 2015 – January 2016 (6 months)** |
| D11 | Available to begin work in Jan 2016 | Yes/No | Yes |
| D12 | Able to start in the middle of an existing development project with minimum transition and impact. | Yes/No | Yes |
| D13 | Experience in using web mapping in a Java/Oracle spatial environment | 2 years | N/A |

\* A higher score is awarded in evaluation for demonstrated experience exceeding the minimum for ‘Mandatory Requirements’ and ‘Desirable Skill and Attributes’

\*\* Vendors may append to this matrix project descriptions, lessons learned and ‘hi-lites’ which demonstrate claimed experience

Answers provided by candidates to questions posed during the interview phase of the selection process are used to validate claims made in the written response and therefore may contribute to the final scoring.  The GoA may conduct reference checks of proposed candidates.  The GoA may contact references, including references other than those submitted by the proposed candidate.  The proposed candidate may be rejected if, in the opinion of the GoA, the proposed resource receives unsatisfactory references.

**Resource References**

Three references, for whom similar work has been performed should be provided with response or must be provided within one (1) Business Day, upon written request. The most recent reference should be listed first.

Reference checks may or may not be completed to assist with scoring of the proposed resource.

The Department reserves the right to contact the stated and other references without providing prior notification to the Pre-Qualified Contractor.

**Reference #1:**

|  |  |  |
| --- | --- | --- |
| Client Organization: | Enbridge Pipeline Inc. |  |
| Contact Person: | Van Luu |  |
| Contact Role | Senior Project Manager |  |
| Street Address: | 10130 103 ST Edmonton AB |  |
| Telephone #: | 7807226342 |  |
| Email Address: | Van.Luu@enbridge.com |  |

**Reference #2:**

|  |  |  |
| --- | --- | --- |
| Client Organization: | Coghlan Systems Ltd. |  |
| Contact Person: | Brian Coghlan |  |
| Street Address: | #307 10735-81 Avenue, Edmonton, AB |  |
| Contact Role | President/Owner |  |
| Telephone #: | 7806193653 |  |
| Email Address: | coghlan@telusplanet.net |  |

**Reference #3:**

|  |  |  |
| --- | --- | --- |
| Client Organization: | Alberta Pension Service Corporation |  |
| Contact Person: | Mark Zhang |  |
| Contact Role | Senior System Analyst |  |
| Street Address: | 5103 Windermere Blvd SW, Edmonton, AB |  |
| Telephone #: | 7807076275 |  |
| Email Address: | ark.zhang@apsc.ca |  |