Statement of Work for: BizTalk Integration Developer

Overview

TechLegs Solutions Inc. is actively supporting the recruitment of a **BizTalk Integration Developer** for one of our esteemed clients in the government sector of New Brunswick, Canada. The successful candidate will be required on a full-time basis for a period of one (1) year with two (2) one-year optional renewal periods, **commencing July 28, 2025** *(or sooner if possible).*

Background

The Systems Integration Services team is responsible for the implementation, support, enhancement, and optimization of custom integrations for the exchange of data between systems across various government departments.

The Systems Integration Service team's focus is classified in two main areas categorized as either Health Integration Layer (HIL) work or Enterprise Integration Layer (EIL) work.

HIL work focuses on integrations between various Hospital systems within the Regional Health Authorities in New Brunswick. The HL7 standard is used to exchange data for these integrations.

Integration work for any other government department or departments falls under EIL work. Several different methods are used to exchange data between systems under the EIL categorization including SOAP or REST services, and interactions with FTP sites, File Folders, SMTP servers or databases.

The Systems Integration Services team owns a highly resilient Enterprise Application Integration (EAI) platform that leverages Microsoft BizTalk Server.

The primary focus of the BizTalk Integration developers under the terms of this Statement of Work will be to work with the (SNB) Systems Integration Services team to temporarily expand the team's capacity to take on a higher volume of work and allow more projects and tasks to be completed in parallel. The successful proponent will be working on a wide variety of projects and operational tasks primarily in the non-healthcare space.

Services Sought

We require **MS Biztalk Developer(s)** *(*to work with the Systems Integration Services team to plan and execute (build, test, document and deploy) required integrations between various systems on a number of different projects and operational initiatives.

The successful proponent may be responsible for all aspects of the development cycle from requirements gathering, planning and designing, developing, testing, deploying and documenting or

they may be asked to assist the team by focusing on individual aspects of the development cycle (ie – development or documentation).

Mandatory Requirements

We require candidates that demonstrates the following Mandatory Requirements.

No.	Requirement
M1	A University degree in Computer Science, Business Administration, a related discipline or certification in Information Technology from a recognized community college. An equivalent combination of education and experience may be considered.
M2	A minimum of five (5) years of IM/IT experience.
M3	Demonstrated three (3) years experience in developing integration solutions with MS BizTalk Server.
M4	Excellent communication skills (written and oral) in English.

Scored Requirements

We require candidates that demonstrates the following Scored Requirements.

No.	Requirement	Required Experience
S1	Demonstrated experience developing integration solutions with Microsoft BizTalk 2013/2016/2020. Demonstrate experience with integration solutions that include webservices/API's, File/FTP interactions, Database interactions, workflows and secure authentication mechanisms. Describe role and responsibilities on referenced projects. Clearly demonstrate: • specific version of BizTalk Server(s) in which you have experience • amount of experience (in months or years) with each version of BizTalk Server that you have worked with • the scope of the work and the types of systems that were being integrated • specific details of the integration solutions • your specific role and responsibilities in each engagement	3 Years
S2	Demonstrated experience with engaging and working with various business unit subject matter experts (SMEs) and/or technical SMEs	5 years

No.	Requirement	Required Experience
	on requirements elicitation and process definition activities. Clearly demonstrate: • details on what types of communications / interactions you had • approach to information seeking including but not limited to asking questions, investigation, digging deeper and doing research • types of deliverables you generated from the communications or interactions	
S3	Demonstrated experience in application Integration design and implementation. Clearly demonstrate: • details on what types of analysis was completed • were you designing a net new solution or an enhancement to an existing solution • how were various decision points evaluated • types of deliverables you generated	3 Years
S4	Demonstrated experience with Microsoft programming languages such C#, .NET; XML and XSLT. Provide details on each of the languages requested including your experiences with each and the amount of experience with each in months and years.	3 years
S5	Demonstrated experience developing HL7 v2x interfaces with Microsoft BizTalk 2013/2016/2020 would be an asset. Describe role and responsibilities on referenced projects. Clearly demonstrate: • specific version of BizTalk Server(s) in which you have experience • amount of experience (in months or years) with each version of BizTalk Server that you have worked with • the scope of the work and the types of systems that were being integrated • specific details of the integration solutions • your specific role and responsibilities in each engagement	1 Project Reference
S6	Demonstrated experience with Microsoft Azure Integration Services, specifically Azure Logic Apps, Azure Service Bus, Azure Functions and/or Azure API Management would be an asset. Clearly demonstrate: • the Azure Integration Service leveraged	1 Project Reference

No.	Requirement	Required Experience
	• the scope of the work and the types of systems that were being integrated • specific details of the integration solution • your specific role and responsibilities in each engagement	
S7	Demonstrated experience migrating on-prem BizTalk server solutions to an iPaaS environment would be an asset. Clearly demonstrate: • details on the BizTalk Server version and the iPaaS solution • your role and responsibilities	1 Project Reference

** The Proponent should ensure that clear details are provided as requested to avoid losing points. Clear referrals or references to the project on the Proponent's supplied resume where the experiences were gained should be provided to allow scorers to easily refences them.

Key Deliverables

The successful candidate must deliver the following to successfully complete the engagement:

Tasks and Deliverables:

As a member of the Systems Integration Services team, you will be responsible to plan, develop, document and maintain integration services for various projects and tasks. You will be designing and developing points of integration (interfaces) to meet interoperability needs between different government systems. On a day-to-day basis you will work closely with other IT professions and business resources to meet business requirements and deliver high-performance results.

You may be responsible for all aspects of the development cycle from requirements gathering, planning and designing, developing, testing, deploying and documenting or you may be asked to assist the team by focusing on individual aspects of the development cycle (ie – development or documentation or support).

Tasks and deliverables include:

- Developing integration applications that meet business requirements and goals, while maintaining information integrity across all systems and adhering to standards and best practices
- Designing, developing, documenting, installing and configuring Integration applications within the provincial Integration Engine (MS BizTalk) environment
- Working with the various stakeholders (Business Teams, Project Managers, Project Teams, etc.) to ensure successful solution implementation
- Completing all assigned development and maintenance tasks (service requests, releases, incidents, problems, documentation etc.)
- Monitoring, performance-tuning and troubleshooting application and environment issues to meet and adhere to a high level of system availability

- Work directly with customers to define requirements and present solutions
- Responsible for guiding development using Biztalk products and other technologies to build integrations that support business requirements
- Managing technical scope and client expectation
- Ensure alignment with Systems Integration Services team
- Produce solution documentation following Systems Integration Services team documentation templates
- Analyze existing solutions and update or created solution documentation
- Review solutions developed with, and transfer knowledge to, the Systems Integration Services team

The MS BizTalk Developers will be required to sign a non-disclosure agreement and complete the Privacy and Security training prior to commencing the assignment.

References

References may be contacted to validate information provided in the Vendor's response.
In the event a poor reference is received, or in the event references provide information that is different than the information provided in the Vendor's response, we reserve the right to disqualify the Vendor's response from further consideration or negatively impact the scoring.

If unable to reach the reference(s) provided, employer reserves the right to disqualify the response from further consideration. We also reserve the right to contact references other than those provided, who are familiar with the work of the Vendor.

Reporting Structure

The successful candidate will report to the **Manager of Systems Integration Services,** while working collaboratively with a variety of individuals from the government business teams and various Technology Services teams.

Duration

The successful candidate will be required on a full-time basis for a period of one (1) year with two (2) one-year optional renewal periods, **commencing July 28, 2025** *(or sooner if possible).*
The employer reserves the right to truncate the engagement, as needed.

Work Location and Travel

The Systems Integration Services team is a provincial team working in various locations throughout the province. It is expected that the successful employee /contractor can conduct most of the project work remotely (off site). This is acceptable if the quality of the deliverables and satisfaction of the service is maintained. The contractor may be required to meet with officials at an office, of employers choosing, at various times as needed during the engagement. The employee /contractor may require a minimum of 1 or 2 site visits per year during the engagement at his own expense.

Proponent resources must be available during regular business hours (Monday through Friday, 8:15 AM to 4:30 PM, Atlantic Time), and may occasionally be required to perform work outside normal hours of business.

Supplied Devices

Employer will provide technology devices as required to complete the services requested in this Statement of Work.

In the event a Proponent's laptop or desktop computer are requested to be used for the engagement, the successful candidate may be required to meet with the employers Information Security Officer and may be required to sign an agreement governing the terms.

Candidate Application Submission

Candidates are requested to submit the following for their application: with their proposal:

- Resume (**5 pages max**, focus on the **Scored Requirements** and **Deliverables**)
- Candidate Job Matrix Submission as detailed in Mandatory Requirement and Scored Requirements.
- References / Conflict of Interest Declaration

Selection Process

The following *may* be required prior to final selection or award:
- An interview, either in-person or via video call, may be utilized to verify experience and qualifications.
    - o Interviewees cannot enlist assistance for any interviews. They must be the only person in the room for video interviews.
- Demonstration or samples of documentation produced.
- Administration of a test to the candidates to gauge practical application of their skills and knowledge.
- A confidentiality agreement with the vendor and the vendor's proposed candidates, and
- Assignment of all intellectual property rights, including copyright, for all deliverables, consultation, and services to SNB

If this role aligns with your skills and interests, please send your updated resume and completed job matrix to your contact or to **hr@techlegs.com** and we will contact you to discuss the next steps.

We appreciate all applicants for their interest; however, only those selected for further consideration will be contacted.

Best Wishes,
TechLegs Solutions Team