EXPORT DEVELOPMENT CANADA (EDC) ADVANCE CONTRACT AWARD NOTIFICATION (ACAN) – 24-808

Description of Work

Software engineering support for EDC Treasury's Cincom VisualWorks development platform and Universal Finance Server (UFS) application. The Treasury Group and Corporate Banking, along with other financial departments at EDC rely heavily on UFS, a legacy system which has been in use for over two decades. It has been customized extensively and is used to record, manage, control, and facilitate execution of specific financial transactions. This allows the enterprise to monitor and maintain critical liquidity ratios and manage interest and foreign exchange risk and requires access to relevant market data. UFS requires constant IT maintenance.

Requirements

a) Design, develop, deploy, and maintain applications including dashboards and monitoring tools written in Cincom Smalltalk.
b) Resolve technical issues with the Cincom VisualWorks software development platform and UFS related applications.
c) Identify and/or implement improvements and extensions to core UFS frameworks and the core VisualWorks code base.
d) Work closely with different business teams (including banking, treasury, risk management, treasury accounting) to assess current work processes and propose, review, develop and deliver UFS application solutions to support various business team requests.
e) Manage production release cycles aligning with Agile software development frameworks.

Trade Agreements and Comprehensive Land Claims Agreements

The requirement is subject to the provisions of the the Canada-European Union Comprehensive Economic and Trade Agreement (CETA) and the Canadian Free Trade Agreement (CFTA).

Justification

➢ Lack of Competition:

EDC's UFS application uses a programming language (Cincom Smalltalk) which is not mainstream, therefore resources who are proficient with this programming language are extremely limited. EDC also requires extensive banking and treasury operations experience, as detailed under the *Minimum Essential Requirements* section further below. EDC performed a market research exercise to identify specific knowledge, expertise and capabilities in the market in 2022 and was not successful.

Intellectual Property

Vendor will not own intellectual property.

Contract Period

Two years initially with an additional 1-year option period.

Estimated Value

The estimated value of the initial contract is $699,582+ Ontario HST tax, and an additional $349,791+ Ontario HST tax for Option year 1.

Submission of Statement of Capabilities

Suppliers who consider themselves fully qualified and available to meet the specified requirements may submit a statement of capabilities in writing to the Contracting Authority identified in this Notice on or before the closing date of this Notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

Minimum Essential Requirements

Any interested supplier must demonstrate by way of a statement of capabilities that it meets the following requirements:

1. Proficiency: minimum 20 years of experience in Smalltalk programming language.

2. Advanced Experience and knowledge with the infrastructure that supports UFS. This includes: Server-side development in Smalltalk, including developing and troubleshooting large scale parallel systems.
   a) Building flexibility and fault tolerance into the system, handling system wide logging, and batch job scheduling.
   b) Building and deploying monitoring tools and dashboards in Smalltalk to ensure optimal operation of the system.
   c) Adding automation to the system where needed. This includes maintaining the Test automation suite and adding new test cases for upcoming features.
   d) Advanced knowledge in Smalltalk Relational Database technologies with the ability to design, implement, provide technical support and Perform database optimizations.
   e) Ability to independently manage production deployments, including;
      i. Create release sheets, record necessary artifacts and follow EDC technology change governance processes for production releases.
   f) Advanced knowledge in workplace productivity tools including Azure Virtual Desktop and ServiceNow.

3. Experience with and ability to provide software engineering support in the following business functions. Corporate Banking (Middle office and Back-office operations)

   a) Liquidity and Market Risk
   b) Treasury Accounting
   c) Treasury Portfolio Management;
      i. Ability to investigate and resolve issues with all types of financial instruments: FX deals, swaps, futures, bonds Ability to investigate and resolve issues with Risk Free Rate (RFR) financial instruments (Bonds and Swaps), including knowledge of different types of RFR instruments.
      ii. Reports including forecasts, accrual notes, calendars, analysis of different portfolios.
      iii. Ability to support and develop reports and controls for trade approvals, status, policy limits, forecasts, discrepancy support, audit trails.
   d) Cyber Security Support;
      i. Experience using CyberArk application to manage server access and password safes.

Security Requirements

The supplier must have Reliability status security clearance.

Name and Address of Proposed Contractor

JCHYLANDS CONSULTING INC.
378 Regal Dr.
London, ON N5Y1J7
226-388-7856
226-388-0220

The closing date and time for accepting statements of capabilities is:

May 16, 2024 at 1:00 PM ET

Inquiries and statements of capabilities are to be directed via email to:

Pat Sheehan, Senior Procurement Advisor
Email: procurement@edc.ca

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