



NOTICE OF PROPOSED PROCUREMENT (NPP)

Architecture Support Services

Solicitation No.: 20141135
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This RFP is only for pre-qualified Suppliers for Category A.1 Application/Software Architect / Stream 1:(A) Applications Services; I.5 IM Architect and I.11 Technology Architect / Stream 3: (I) IM/IT Services; P.2 Enterprise Architect / Stream 5: (P) Project Management Services against TBIPS SA # EN578-055605/EI.

DESCRIPTION OF REQUIREMENT:

The IM/IT Division of the Office of the Superintendent of Financial Institutions has a requirement for the provision of IT professional services, on an “as and when requested” basis, in the National Capital Region (NCR), to deliver expertise in the areas of IM/IT architectural project planning and architecture services to support final implementation of OSFI’s Information Technology Renewal (ITR) program, the refresh of OSFI’s IM/IT Strategy, and new initiatives identified within the refreshed IM/IT Strategy, over the next two to three fiscal years.

A.1 Application/Software Architect

Responsibilities could include but are not limited to:

- Develop technical architectures, frameworks and strategies, either for an organization or for a major application area, to meet the business and application requirements.
- Identify the policies and requirements that drive out a particular solution.
- Analyze and evaluate alternative technology solutions to meet business problems.
- Ensures the integration of all aspects of technology solutions.
- Monitor industry trends to ensure that solutions fit with government and industry directions for technology.
- Analyze functional requirements to identify information, procedures and decision flows.
- Evaluate existing procedures and methods, identify and document database content, structure, and application sub-systems, and develop data dictionary.
- Define and document interfaces of manual to automated operations within application sub-systems, to external systems and between new and existing systems.
- Define input/output sources, including detailed plan for technical design phase, and obtain approval of the system proposal.
- Identify and document system specific standards relating to programming, documentation and testing, covering program libraries, data dictionaries, naming conventions, etc.

I.5 IM Architect

Responsibilities could include but are not limited to:





- Analyse existing capabilities and requirements, develop redesigned frameworks and recommend areas for improved capability and integration. Develop and document detailed statements of requirements.
- Evaluate existing procedures and methods, identify and document database content, structure, and application subsystems, and develop data dictionary.
- Define and document interfaces of manual to automated operations within application subsystems, to external systems, and between new and existing systems.
- Prototype potential solutions, provide tradeoff information and suggest recommended courses of action.
- Perform information modelling in support of BPR implementation.
- Perform cost/benefit analysis of implementing new processes and solutions.
- Provide advice in developing and integrating process and information models between business processes to eliminate information and process redundancies.
- Provide advice in defining new requirements and opportunities for applying efficient and effective solutions; identify and provide preliminary costs of potential options.

I.11 Technology Architect

Responsibilities could include but are not limited to:

- Develop technical architectures, frameworks and strategies, either for an organization or for a major application area, to meet the business and application requirements.
- Identify the policies and requirements that drive out a particular solution.
- Analyze and evaluate alternative technology solutions to meet business problems.
- Ensures the integration of all aspects of technology solutions.
- Monitor industry trends to ensure that solutions fit with government and industry directions for technology.
- Provide information, direction and support for emerging technologies.
- Perform impact analysis of technology changes.
- Provide support to applications and/or technical support teams in the proper application of existing infrastructure.
- Review application and program design or technical infrastructure design to ensure adherence to standards and to recommend performance improvements.

P.2 Enterprise Architect

Responsibilities could include but are not limited to:

- Evaluate the enterprise's business/ICT architecture, determine its consistency and integration with the organization's business/ICT strategies, assess the degree of its alignment with Treasury Board CIO Business Transformation Enablement Program (BTEP) and Federated





Architecture Program (FAP) and recommend changes to the business/ICT architecture to improve its alignment with these external factors.

- Identify future business/ICT requirements against the current enterprise architecture, perform gaps analyses, develop Requirements for Technology Architectures (RTA), and prepare migration strategies.
- Assess the feasibility of migrating from the current state to the target business architecture and enabling technologies and identify the risks associated with migrating to the target business architecture and technologies and make recommendations for risk mitigation.
- Identify business and technology trends that create opportunities for business improvement, advise business and ICT Senior Executives on ICT trends and emerging technologies and the impact on the organization's and government ICT architectures and business strategies, model "What if" scenarios and recommend appropriate changes to the existing architecture and ICT infrastructure, and recommend alternative solutions, methodologies and strategies.
- Produce an architectural evolution plan, recommend prioritization of architecture evolution initiatives, and develop and/or implement an architecture evolution plan.
- Manage the development and implementation of an architectural improvement plan.
- Coach, mentor and train the organization to perform any of the above.

DURATION OF CONTRACT

The duration of the contract is from date of Contract to three years later, including *two (2)* options of one (1) year each.

EVALUATION PROCESS AND SELECTION METHODOLOGY

A Best Value Score will be calculated by combining the Technical Score for compliant Bidders with their Weighted Bid Price. The Technical Score will represent 70% and the Weighted Bid Price will represent 30% of the Best Value Score.

The Technical Score from each of the technically compliant bids will be multiplied by 70% to arrive at an Adjusted Technical Score out of 70. The Price Score will be calculated by pro-rating the compliant Bidders (i.e., those who achieve 49 points or more on their Technical Score) against the lowest-priced compliant Bidder. The Adjusted Technical Score and the Price Score will then be added to arrive at a Best Value Score.

SECURITY REQUIREMENTS

SECURITY REQUIREMENT FOR CANADIAN SUPPLIER: PWGSC FILE # COMMON-PS-SRCL#6

1. The Contractor/Offeror must, at all times during the performance of the Contract/Standing Offer/Supply Arrangement, hold a valid Designated Organization Screening (DOS), issued by the Canadian Industrial Security Directorate (CISD), Public Works and Government Services Canada (PWGSC).
2. The Contractor/Offeror personnel requiring access to PROTECTED information, assets or sensitive work site(s) must EACH hold a valid **RELIABILITY STATUS**, granted or approved by CISD/PWGSC.





3. The Contractor/Offeror MUST NOT remove any PROTECTED information or assets from the identified work site(s), and the Contractor/Offeror 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/Offeror must comply with the provisions of the:
 - a. Security Requirements Check List and security guide (if applicable), attached at Annex ____;
 - b. *Industrial Security Manual* (Latest Edition).
 - c.

