



Advance Contract Award Notice (ACAN)

An ACAN is a public notice indicating to the supplier community that a department or agency intends to award a contract for goods, services or construction to a pre-identified supplier, thereby allowing other suppliers to signal their interest in bidding, by submitting a statement of capabilities. If no supplier submits a statement of capabilities that meets the requirements set out in the ACAN, on or before the closing date stated in the ACAN, the contracting officer may then proceed with the award to the pre-identified supplier.

1. Definition of the Requirement

AWS (Amazon Web Services) Migration Readiness Planning

In November 2017, the Government of Canada issued the [Direction on the Secure Use of Commercial Cloud Services: Security Policy Implementation Notice](#) and the [Direction for Electronic Data Residency](#). These directions allow data up to Protected B level to be hosted in the public cloud.

Cloud computing is the delivery of on-demand computing resources (from applications to data centres) over the Internet on a pay-for-use basis. Cloud services can be deployed using 3 different models: public, private and hybrid.

In the public cloud model, cloud resources (that is, hardware, software and infrastructure) are owned and operated by a third-party cloud service provider (CSP). Organizations consume IT services over the Internet from a shared pool of resources that are logically separated from one another. In the private cloud model, computing resources (that can be located on the premises or hosted by a third-party CSP) are dedicated to one organization and maintained on a private network. In the hybrid cloud model, both public and private clouds are used with data and applications communicating between the two.

Under the “Cloud First” Policy, the Government of Canada will use cloud services to address the following risks:

- aging IT
- current security gaps
- not benefiting from emerging technology

The Canada Border Services Agency (CBSA) is currently reviewing its cloud infrastructure requirements and has identified specific software applications that will be residing directly on the AWS public cloud. Building on this initiative and, in keeping with Cloud First requirements, CBSA needs to prepare its AWS infrastructure for application migration.

CBSA is responsible for providing integrated services supporting national security and public safety priorities while facilitating the free flow of people and goods. CBSA manages this priority through its design, development, implementation and ongoing support of IM/IT tools and systems at the Agency, while maintaining the integrity and availability of all technology infrastructures and applications.

ISTB provides delivery of technology products, applications and services to meet business needs while investing in modern IT infrastructure to maintain, build on and innovate current and future IM/IT Agency initiatives.

Working with various partners, e.g. TBS, CRA, and SSC, CBSA ensures all required IM/IT initiatives are strategically aligned with operational requirements and are delivered on time, on budget and in accordance with objectives.

CBSA is seeking subject matter expertise and access to Amazon Web Services’ (AWS’) Engagement Delivery Framework (EDF) - AWS’ unique collection of methodologies, intellectual property and processes developed by Amazon will mitigate some of the risks and provide a roadmap for the CBSA AWS cloud journey for which AWS’ professional services have exclusivity. EDF is AWS’ professional services Engagement Delivery Framework (EDF) that has been tried, tested and proven. Amazon, using their proprietary EDF, will securely



migrate CBSA's protected B applications to the AWS cloud by leveraging the intellectual property (IP) under Amazon cloud services (AWS) as the provider of critical key support for this initiative.

Cloud computing, utilizing AWS cloud services, will provide an efficient and effective way to access servers, storage, databases and a broad set of application services over the Internet. Through the adoption of cloud technologies, CBSA will realize the following benefits:

- **Service performance** that will dramatically reduce the time needed to meet business and technical requirements. It includes metrics-based service levels that are contractually enforced to help keep performance levels consistent.
- **Security** by cloud service providers that offer robust security features and internationally recognized certifications that would be a challenge for the CBSA to deliver on its own.
- **Innovation** that includes new features that are being deployed continually, and the costs are amortized across a global service customer base. New technologies such as social media, mobile platforms and analytic tools are all available through subscriptions without large capital investments.
- **Agility** which includes rapid access to multi-featured resources at the required capacity to carry out projects from planning to full operation.
- **Elasticity** which permits commoditized services to grow and shrink based on the level of demand; the CBSA will pay only for what they need when they need it.

CBSA has a requirement to deliver on Government of Canada priorities as well as modernize the applications it transitions to the cloud environment in line with the Treasury Board Secretariat (TBS) directives - the [Direction on the Secure Use of Commercial Cloud Services: Security Policy Implementation Notice](#) and the [Direction for Electronic Data Residency](#).

AWS is a secure cloud services platform offering compute power, database storage, content delivery and their proprietary EDF that will help the CBSA transition to the AWS cloud.

2. Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements)

Any interested supplier must demonstrate by way of a statement of capabilities that its *product/equipment/system (as appropriate)* meets the following requirements:

The IP rights to access & use the Amazon Web Services' (AWS') Engagement Delivery Framework (EDF) for Migration to Cloud Assessments & Planning.

3. Applicability of the trade agreement(s) to the procurement

This procurement is subject to the following trade agreement(s)

- Canadian Free Trade Agreement (CFTA)
- World Trade Organization - Agreement on Government Procurement (WTO-AGP)
- North American Free Trade Agreement (NAFTA)
- Canada-European Union Comprehensive Economic and Trade Agreement (CETA)

4. Justification for the Pre-Identified Supplier

CBSA is seeking subject matter expertise and access to Amazon Web Services' (AWS') Engagement Delivery Framework (EDF) - AWS' unique collection of methodologies, intellectual property and processes developed by Amazon will mitigate some of the risks and provide a roadmap for the CBSA AWS cloud journey for which AWS' professional services have exclusivity. EDF is AWS' professional services Engagement Delivery Framework (EDF) that has been tried, tested and proven. Amazon, using their proprietary EDF, will securely migrate CBSA's protected B applications to the AWS cloud by leveraging the intellectual property (IP) under Amazon cloud services (AWS) as the provider of critical key support for this initiative.



5. Government Contracts Regulations Exceptions

The following exception(s) to the Government Contracts Regulations is invoked for this procurement under subsection 6 (d) - "Only one person is capable of performing the work".

6. Exclusions and/or limited Tendering Reasons

The following exclusions and or limited tendering reasons are invoked under the:

- Canadian Free Trade Agreement (CFTA) - Article 513, section 2 (ii)
- World Trade Organization - Agreement on Government Procurement (WTO-AGP) - Article XV, section 1 (b)
- North American Free Trade Agreement (NAFTA) - Article 1016, section 2 (b)
- Canada-European Union Comprehensive Economic and Trade Agreement (CETA) - Article 19.2, section 1 (b) (ii)

7. Ownership of Intellectual Property

Ownership of any Foreground Intellectual Property arising out of the proposed contract will vest in the Contractor.

8. The period of the proposed contract or the delivery date(s)

The proposed contract is for a period of *one year*.

9. Cost estimate of the proposed contract

The estimated value of the contract, including option(s), is \$1,200,000.00 (GST/HST extra).

10. Name and address of the pre-identified supplier

It is intended to award a service contract to the following contractor:

Amazon Web Services, Inc.
410 Terry Avenue North
Seattle, WA 98109-5210
USA

11. Suppliers' right to submit a statement of capabilities

Suppliers who consider themselves fully qualified and available to provide the services described in the ACAN, may submit a statement of capabilities in writing to the contact person identified in this notice on or before the closing date and time of this notice. This statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

12. The closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is August 9th, 2:00pm.

13. Inquiries and submission of statement of capabilities

Inquiries and statement of capabilities are to be directed to:

Name: Jordan Komery
Title: Contracting Officer
Canada Border Services Agency



Canada Border
Services Agency

Agence des services
frontaliers du Canada

Reference No.: 1000348650

Address: Comptrollership Branch
Strategic Procurement and Material Management Division
355 North River Road, Tower B, 17th Floor
Ottawa, ON
K1A 0L8

Telephone: 343-291-5715

E-mail address: CBSA-ASFC_Solicitations-Demandes_de_soumissions@cbsa-asfc.gc.ca