

ACAN - SOLICITATION NUMBER: 16-22117

Requirement to Develop a CSA Guideline on Flood Proofing and Flood Prevention Measures to Protect against Basement Flooding to Reflect Climate Change Adaptation and Extreme Weather Events

1. 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.

2. Definition of the requirement

Under the Climate-Resilient Core Public Infrastructure project, the National Research Council's Building Regulations for Market Access Program has a requirement to update their National Model Codes and referenced standards to reflect climate change adaptation and extreme weather events. The National Model Codes (e.g. Building, Fire, Plumbing, Energy) are produced and published by the National Research Council of Canada. The new CSA guideline developed under this contract will support work that is currently under way at NRC to address climate change adaptation with regard to flood proofing and flood prevention measures for basements. The guideline would be published and owned by the Canadian Standards Association (CSA) - a Canadian not-for-profit standard development organization.

The Climate-Resilient Core Public Infrastructure project aims to integrate climate resilience into design guides, codes and related materials, which will be the basis for future infrastructure builds and rehabilitation work in Canada. The work would involve preparation of proposed changes to national model building, energy, fire, plumbing and updated related guidance documents. The proposed change modules could be adopted by provinces and territories in 2020.

This contract seeks to enter into an agreement with the CSA to develop a new guideline to address climate change adaptation and extreme weather events through a consensus based process established by the Standards Council of Canada. The new guideline will occur concurrently and in harmonization with the work currently underway at the NRC to update their National Model Codes.

NRC requests under the deliverables of this contract that CSA

1. Establish a Technical Committee (TC) on basement flood protection including establishing the terms of reference for the committee;
2. Issue Notice of Intent for the project;
3. Review and research current available documentation on flood proofing, identifying gaps that exist;
4. Review and research individual municipal best practices, financial incentives and programs related to flood mitigation;
5. Facilitate technical committee meetings;
6. Prepare the comprehensive guideline draft;
7. Public review, technical committee ballot, editorial correction and publication of the first edition of the guideline; and
8. French translation of the document.

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

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

- Association or Company must be a Standards Development Organization with Accreditation under the Standards Council of Canada
- Must be able to obtain SCC approval on notice of Intent for subject area
- Significant experience (minimum of 10 years) in the management and development of Codes and Standards by way of established balanced technical Committees
- Demonstration of ability to engage with broad range of industry and regulatory bodies on technical matters related to flood mitigation in basements
- Demonstration of at least 10 year history working with the National Research Council's Codes Canada on Code development

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

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

- Agreement on Internal Trade (AIT)
- World Trade Organization - Agreement on Government Procurement (WTO-AGP)
- North American Free Trade Agreement (NAFTA)

5. Justification for the Pre-Identified Supplier

The **CSA Group** (formerly the **Canadian Standards Association; CSA**), is a not-for-profit standard organization which develops standards in 57 areas. CSA publishes standards in print and electronic form and provides training and advisory services. CSA is composed of representatives from industry, government, and consumer groups.

CSA began as the Canadian Engineering Standards Association (CESA) in 1919, federally chartered to create standards. CSA is accredited by the Standards Council of Canada, a crown corporation which promotes efficient and effective standardization in Canada. This accreditation verifies that CSA is competent to carry out standards development and certification functions, and is based on internationally recognized criteria and procedures.

6. Government Contracts Regulations Exception(s)

The following exception to the Government Contracts Regulations is invoked for this procurement under subsection 6 (d) – Only company is capable of performing the work.

7. Ownership of Intellectual Property

The Intellectual Property is owned by the Canadian Standards Association. All work that is carried out under this contract is for the sole purpose of creating a new guideline to be better aligned with the National Construction Code changes.

8. Period of the proposed contract or delivery date

The contract period will be 2 years with an expected start date of December 20th, 2016. Completion date anticipated for January 1st, 2018.

9. Cost estimate of the proposed contract

Contract value will be to an upset limit of \$160,000 CAD (HST included).

10. Name and address of the pre-identified supplier

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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 of this notice. The statement of capabilities must clearly demonstrate how the supplier meets the advertised requirements.

12. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is December 20, 2016 at 14:00 hrs. EST.

13. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities are to be directed to:

NRC Contracting Officer: Melody Ellis
National Research Council
Bldg. M-22, 1200 Montreal Rd, Ottawa, ON
Telephone: 613-993-4461