

National Research Council Canada – ACAN SOLICITATION NUMBER: 21-58087 (PR888701)

**Requirement for CSA S478 *Durability in Buildings*
(Development, Capacity Building and Advocacy)**

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 Built Environment Initiative funded by Infrastructure Canada, the National Research Council has a mandate to enable the incorporation of climate change considerations into regulatory instruments including Codes and Standards for buildings and infrastructure. The CSA S478 *Durability in Buildings* is a standalone standard published and owned by the Canadian Standards Association (CSA); a Canadian not for profit standard development organization.

Development of a third edition of CSA S478 would aim to advance the principles of durability, considering the application of evolving climate data and to further understanding of impacts of climate change on durability.

This contract seeks to enter into an agreement with the CSA to update the standard CSA S478 *Durability in Buildings* to address climate change and extreme weather events through a consensus based process established by the Standards Council of Canada. The update to the CSA S478 will occur concurrently with the work underway at the NRC related to climate change adaptation.

NRC requests under the deliverables of this contract that CSA

- Management of the Technical Committee (TC) on Durability in Buildings;
- Develop one new edition of CSA S478 *Durability in buildings*, in accordance with the CSA accredited standards development process; delivered in English and French;
- Develop one online scenario-based (branching scenarios) training, delivered in English and French;
- Hold meetings with key users and decision makers to raise awareness and discuss key benefits CSA S478 can offer;
- Develop pilot projects on CSA S478 to showcase the value, benefits, and implementation in the real world;
- Develop an implementation guide on CSA S478, published in English and French;
- Develop and host a webinar for users/regulators of CSA S478;

- Develop infosheets and/or infographics to support CSA S478;
- Develop social media announcements on the publication of CSA S478; and
- Develop an impact summary for CSA S478.

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
- Hold the rights to develop all deliverables
- 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 climate change adaptation of dams
- Demonstration of at least 5 years' experience of code or standards development as it pertains to the climate change adaptation of infrastructure
- Demonstration of at least 10-year history working directly with Codes Canada on Code and Standard development

4. 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)

5. Justification for the Pre-Identified Supplier

The Canadian Standards Association (operating as CSA Group), is an accredited Standards Development Organization (“SDO”) in Canada and the United States of America, providing services in accordance with its Policy governing standardization and Directives and guidelines governing standardization, where those documents apply to the services being performed, as well as other non-accredited services and products.

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.

CSA has been publishing and updating CSA S478 since 1995 and holds the intellectual property rights to this document. They have worked in the past in developing standards that compliment and support the National Construction Codes as well as multiple research initiatives.

6. Government Contracts Regulations Exception(s)

Only one vendor is able to satisfy the unique technical requirements listed herein. The following exception to the Government Contracts Regulations is invoked for this procurement under subsection 6 (d) as only one supplier is capable of performing work.

7. Ownership of Intellectual Property

The Intellectual Property (i.e. CSA S478) is owned by the Canadian Standards Association. All work that is carried out under this contract is for the sole purpose of updating and disseminating the CSA S478 to support Climate Change Adaptation.

8. Period of the proposed contract or delivery date

The NRC anticipates the contract period will be 3 years with expected start date of December 20, 2021. Completion date anticipated for December 20, 2024. This contract may be renewed for two (2) optional one-year periods at the sole discretion of the NRC.

9. Cost estimate of the proposed contract

The estimated value of the contract, including optional period(s), is approximately \$396,000.00 CAD (GST/HST extra), subject to negotiations.

10. Name and address of the pre-identified supplier:

CSA Group
178 Rexdale Blvd.
Toronto, ON M9W 1R3
Canada

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 Friday, December 17, 2021 at 11:59PM EST.

13. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities are to be directed to:

Marlene Lindsay, Head of Procurement Services
Finance and Procurement Services Branch
National Research Council Canada (NRC)
Email: Marlene.Lindsay@nrc-cnrc.gc.ca