

ACAN - SOLICITATION NUMBER: 16-22158

Requirement to Develop a project plan to revise and or update ULC standards to reflect climate change adaptation, accounting for heavy rain, flood, wind, snow, ice, increased temperature variations and extreme weather events.

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

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.

Specifically, the project is intended to provide a project plan to revise and or update ULC standards to reflect climate change adaptation, accounting for heavy rain, flood, wind, snow, ice, increased temperature variations and extreme weather events within the referenced standards.

The purpose of the project is to effectively and efficiently develop consensus-based revisions, and new standards, such that requirements in the subject referenced standards in the National Codes would increase resilience, reduce greenhouse gas emissions, and enhanced life cycle performance of public and private infrastructure assets constructed in the future and contribute to the sustainability of Canadian communities.

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 ULC to develop new and or update existing ULC Standards to address climate change adaptation and extreme weather events through a consensus based process established by the Standards Council of Canada. These deliverables will occur concurrently and in harmonization with the work currently underway at the NRC to update their National Model Codes.

PHASE 1: Fiscal 2016 Project Initiation

1. Develop a detailed Work Plan for Phases 1 and 2 of the project, including start date, milestones and milestone dates, to permit monitoring and reporting of project progress.
2. Plan, prepare for, and organize the meetings of the 9 Technical Committees responsible for the Standards to be reviewed for the impact of Climate Change parameters, including the development of educational materials by the consultants on Climate Change impact on Canadian infrastructure.

3. Collaborate with consultants on the impact of Climate Change on infrastructure to develop educational materials for training of Committee members in preparation for their review of candidate Standards
4. Provide to NRC an interim (fiscal 2016) report outlining the preparations made and the presentation materials.

PHASE 2: Fiscal 2017 Preliminary Work and selection of Standards development projects

5. Administer a process whereby the relevant nine ULC Standards Technical Committees evaluate all of the standards for which they are responsible, so as to:
 - a) validate the need for new/revised requirements to address climate change;
 - b) confirm or modify proposed new Standards;
 - c) determine the level of effort and research needs required to update the subject standards; and
 - d) prioritize the order in which the work should proceed, so as to facilitate the development of a detailed work plan.
6. Provide to NRC a final Phases 1 and 2 (fiscal 2016 and fiscal 2017) report outlining the outcomes of meetings and correspondence with the Technical Committees and their recommendations.
7. Develop a Proposal containing the work plan, timeline, resource requirements, research needs for Phases 3 and 4 of the project based on the outcomes of Phases 1 and 2.

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 climate change adaptation
- 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)
- North American Free Trade Agreement (NAFTA)

5. Justification for the Pre-Identified Supplier

ULC is a not-for-profit standard organization which develops standards in several areas. ULC publishes standards in print and electronic form and provides training and advisory services. ULC committees are composed of representatives from industry, government, and consumer groups.

ULC Standards develops and publishes standards and specifications for products having a bearing on fire, life safety and security, crime prevention, energy efficiency, environmental safety, security of assets and facilities, live working and workplace safety and other areas. ULC Standards is accredited by the Standards Council of Canada as a consensus based Standards Development Organization under the National Standards System of Canada.

ULC Standards technical expertise is supported by Underwriters Laboratories of Canada (ULC), an independent product safety testing, certification and inspection organization. ULC, an accredited conformity assessment body by the Standards Council of Canada, has provided safety services to Canadians for over 90 years.

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 ULC. 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 1 year with an expected start date of March 13, 2017. Completion date anticipated for January 1st, 2018.

9. Cost estimate of the proposed contract

Contract value will be to an upset limit of \$181,000CAD (HST excluded).

NRC reserves the right to award additional contracts for similar scope of work until March 31, 2020.

10. Name and address of the pre-identified supplier

John Wade
Standards Program Manager
ULC Standards
171 Nepean Street, Suite 400,
Ottawa, ON K2P 0B4
T : (613) 368-4426, C : (613) 222-1582
Email: john.wade@ul.com

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 March 10, 2017 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