

ACAN 22-58127 - Upgrade and Integration of Existing Building Automation System (BAS) to the Desigo CC Platform that Controls Two Remote Sites

An Advanced Contract Award Notice (ACAN) must be prepared in both official languages. Below is a model that must be used by contracting officers for the preparation of an ACAN. The blocks include guidance for its use as well as examples for some of the items listed.

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.

Description of the Work

2. Definition of the requirement

- The National Research Council Canada (NRC) wishes to award a contract for the continued service and maintenance of an existing computer based BAS system at its Halifax and Ketch Harbour sites, comprised of the Desigo CC platform with complete integration and graphic re-design.
- The existing facility BAS is a proprietary system which provides DDC monitoring and control (+/- 1000 points) of the mechanical and electrical systems throughout the buildings and facilities and is an integral part of the Phoenix Valve energy management system as well.
- The system hardware is supplied by Siemens and is installed and serviced by Siemens. (Proprietary hardware and software)
- This service requirement is essential to ensure the continued service of a recently conversion component and complete redesign of the programing graphics.

3. Criteria for assessment of the Statement of Capabilities (minimal essential requirements)

- The upgraded system must consists of two (2) major components; the conversion to PXC platform at Ketch Harbour allowing integration of the two remote buildings into one server location, and the new Siemens Desigo platform complete with re-designed graphics.

- A vendor must be able to demonstrate your ability to provide planned preventative maintenance as well as repair and replacement services throughout the entire five year agreement. The Siemens *Fast Forward* migration strategy leveraged much of the existing Apogee system hardware, eliminating the need to replace field end devices or wiring. We would require an equal to or better proven migration strategy to minimize expense. You must be able to incorporate the insight database into the new platform without having to re-create the database.
- The extended system must use hardware and programming language that integrates seamlessly into the existing network of controllers **without the use of interface protocols**, and be 100% compatible with the existing system, in terms of functionality and communications.

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

This procurement is subject to the following trade agreements:

Canada-Chile free trade agreement (CCFTA)
 Canada-Peru Free Trade Agreement (CPFTA)
 Canada-Columbia free trade agreement (CCOFTA)
 Canada-Panama Free Trade Agreement (CPAFTA)
 Canada-Honduras Free Trade Agreement (CHFTA)
 Canada-Korea Free Trade Agreement (CKFTA)
 Canada-Ukraine free trade agreement (CUFTA)
 Canadian Free Trade Agreement (CFTA)
 Comprehensive Economic and Trade Agreement (CETA)
 World Trade Organization - Agreement on Government Procurement (WTO-AGP)
 Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTPP)

5. 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.

6. Justification for the Pre-Identified Supplier

- The current BAS system was tendered and awarded to Siemens when it was installed and upgraded. It is a proprietary system maintained and serviced by Siemens.

7. Period of the proposed contract or delivery date

- The proposed contract starts April 1 2023 and ends March 31 2028.

8. Cost estimate of the proposed project

- The value of this contract is \$229,452.00 firm over five years for planned and preventative maintenance and not to exceed \$46,595.00 for repair and replacement services (GST/HST extra)

9. Name and address of the pre-identified supplier

- Siemens Canada Limited
Building Technologies
120 Troop Ave
Dartmouth, NS
B3B 1Z1

10. Suppliers right to submit a statement of capabilities

- Suppliers who consider themselves fully qualified and available to provide the services/goods described herein, 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 all of the advertised requirements.

11. Closing date for the submission of a statement of capabilities

- March 10, 2023

12. Inquiries and submission of statement of capabilities

- Directed to:

Stéphane Lajoie
NRC - Senior Contracting Officer
Stephane.lajoie@nrc-cnrc.gc.ca