



ADVANCE CONTRACT AWARD NOTICE (ACAN)

1. Title

Real Time Application Platform - Integration of new functionalities and improvement

2. Definition

An Advance Contract Award Notice (ACAN) allows departments and agencies to post a notice, for no less than fifteen (15) calendar days, indicating to the supplier community that it intends to award a good, service or construction contract to a pre-identified contractor. If no other supplier submits, on or before the closing date, a Statement of Capabilities that meets the requirements set out in the ACAN, the competitive requirements of the government's contracting policy have been met. Following notification to suppliers not successful in demonstrating that their Statement of Capabilities meets the requirements set out in the ACAN, the contract may then be awarded using the Treasury Board's electronic bidding authorities.

If other potential suppliers submit Statement of Capabilities during the fifteen calendar day posting period, and meet the requirements set out in the ACAN, the department or agency must proceed to a full tendering process on either the government's electronic tendering service or through traditional means, in order to award the contract.

3. Definition of Requirements

Background

NRCan's GNSS Corrections (HPGNSS.C) service was developed and is operated using the Real Time Application Package (RTAP). The RTAP was selected at the design stage in 1995 as the best choice for integration of specialized geodetic computation software modules developed by the Canadian Geodetic Survey in a SCADA real-time system.

Tasks/Deliverables

For the purpose of developing new capacity for NRCan's HPGNSS.C real-time correction service, namely Decoupled Clock Model based implementation and multi-GNSS support:

1. Provide Real Time Application Platform (RTAP) technical support to the NRCan development team, generally:
 - a. develop, compile and debug the RTAP-applications and RTAP Computation Engine (CE) functions integrating the NRCan/CGS functions;
 - b. perform the required RTAP Data Base (DB) and system configuration work;
 - c. perform the required RTAP RTCM data interface maintenance;
 - d. maintain an interface control document that describes the interface between NRCan/CGS functions and the RTAP system and all HPGNSS.C:RTAP database and system configuration, scan tasks and tesserNet tools;

Provide strategic technical and cost benefit analysis concerning Supervisory Control And Data Acquisition (SCADA) tools and hardware. Also provide analysis of real-time information technology infrastructures that supports NRCan/CGS's real-time applications.



4. Trade Agreements

Applicable Limited Tendering Provision under WTO-AGP (Article XV.1)

XV.1 (a) - protection of exclusive rights, such as patents or copyrights, or in the absence of competition for technical reasons, the products or services can be supplied only by a particular supplier and no reasonable alternative or substitute exists

Applicable Limited Tendering Provision under NAFTA (Article 1016.2)

1016.2(b) - where, for works of art, or for reasons connected with the protection of patents, copyrights or other exclusive rights, or proprietary information or where there is an absence of competition for technical reasons, the goods or services can be supplied only by a particular supplier and no reasonable alternative or substitute exists;

Applicable Limited Tendering Provision under AIT (Article 506.12)

506.12(a) - to ensure compatibility with existing products, to recognize exclusive rights, such as exclusive licenses, copyright and patent rights, or to maintain specialized products that must be maintained by the manufacturer or its representative

5. Title to Intellectual property

This procurement action will not result in the development of any intellectual property.

6. Contract Period

The contract will be for a one year period from date of contract award with the option to extend the contract for two (2) additional one (1) year periods.

7. Estimated Cost

The estimated maximum value of the contract is \$66,000.00 including the 2 optional periods.

8. Exception to the Government Contracts Regulations and applicable trade agreements

Sole Source Justification - Exception of the Government Contract Regulations (GCR):

(d) Only one person or firm is capable of performing the contract

TesserNet Systems Inc. have been involved in the systems design and development from the beginning in 1995. Their services are required from time to time to maintain the HPGNSS.C service to current real-time data transport standards, implement improvements and migrate the systems to new computing platforms.

The copyright of many HPGNSS.C modules and functions for real-time interfacing with out-side world and for management and monitoring of the application is owned by TesserNet Systems Inc.

The RTAP system and components owned exclusively by TesserNet Systems Inc. are fundamental to the operation, maintenance and improvement of the service.

Natural Resources Canada must have the source coding changed. The codes belong exclusively to TesserNet Systems Inc.



9. Name and Address of the Proposed Contractor

TesserNet Systems Inc.
142 Sceptre Close NW
Calgary, Alberta
T3L 1Y2

10. Inquiries on Submission of 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, preferably by e-mail, to the contact person identified in this Notice on or before the closing date and time of this Notice. The Statement of Capabilities must clearly demonstrate how the supplier meets the advertised requirements.

11. Closing Date

The closing date for submitting statements of capabilities is 23 September 2014 at 2:00 PM EDT.

12. Contract Authority

Lucie Lepage
Procurement Officer
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