

NOTICE OF PROPOSED PROCUREMENT (NPP)
For
TASK BASED INFORMATICS PROFESSIONAL SERVICES (TBIPS)

GSIN: D302A ADP SYSTEM DEVELOPMENT SERVICES

Reference Number:	<i>INFC-2016-16</i>	Solicitation Number:	<i>INFC-2016-16</i>
Organization Name:	<i>Infrastructure Canada</i>		
Solicitation Date:	<i>December 22, 2016</i>	Closing Date:	<i>Jan 12, 2017 02:00 PM Eastern Daylight Saving Time EDT</i>
Anticipated Start Date:	<i>February 1, 2017</i>		
Estimated Delivery Date:	<i>Dec 31, 2017</i>	Estimate Level of Effort:	<i>180 days per resource</i>
Contract Duration:	<i>The contract period will be for one (1) Year from the date of contract with an irrevocable option to extend it for up to two (2) additional one-Year periods</i>		
Solicitation Method:	<i>Competitive</i>	Applicable Trade Agreements:	<i>WTO-AGP, NAFTA, AIT...</i>
Comprehensive Land Claim Agreement Applies:	<i>No</i>	Number of Contracts:	<i>1</i>

Requirement Details

Tendering Procedure: Selective Tendering

This requirement is open only to those TBIPS Supply Arrangement Holders who qualified under Tier 1 for services in the *National Capital Region* for the following category(ies):

One (1) Level 3 Application/Software Architect

One (1) Level 3 Programmer/Analyst

The following SA Holders have been invited to submit a proposal:

1. Cistel Technology Inc.	2. Coradix technology Consulting Ltd.	3. IDS Systems Consultants Inc.
4. IT/Net - Ottawa Inc.	5. KPMG LLP	6. Leverage Technology Resources Inc.
7. Microsoft Canada Inc.	8. Mindstream Training Center and Professional Services Bureau, Inc	9. N12 Consulting Corporation
10. Olav Consulting Corp	11. Sierra Systems Group Inc.	12. SYSTEMATIX SOLUTIONS TI INC/SYSTEMATIX IT SOLUTIONS INC
13. The Halifax Group Inc.	14. TPG Technology Consulting Ltd.	15. Veritaaq Technology House Inc.

Description of Work:

One (1) Level 3 Application Architect

1. Develop technical architectures, frameworks and strategies, either for an organization or for a major application area, to meet the business and application requirements.
2. Identify the policies and requirements that drive out a particular solution.
3. Analyze and evaluate alternative technology solutions to meet business problems.
4. Ensures the integration of all aspects of technology solutions.
5. Monitor industry trends to ensure that solutions fit with government and industry directions for technology.
6. Analyze functional requirements to identify information, procedures and decision flows.
7. Evaluate existing procedures and methods, identify and document database content, structure, and application sub-systems, and develop data dictionary.
8. Define and document interfaces of manual to automated operations within application sub-systems, to external systems and between new and existing systems.
9. Define input/output sources, including detailed plan for technical design phase, and obtain approval of the system proposal.
10. Identify and document system specific standards relating to programming, documentation and testing, covering program libraries, data dictionaries, naming conventions, etc.

One (1) Level 3 Programmer / Analyst

1. Develop and prepare diagrammatic plans for solution of business, scientific and technical problems by means of computer systems of significant size and complexity.
2. Analyze the problems outlined by the systems analysts/designers in terms of such factors as style and extent of information to be transferred to and from storage units, variety of items to be processed, extent of sorting, and format of final printed results.
3. Select and incorporate available software programs.
4. Design detailed programs, flow charts, and diagrams indicating mathematical computation and sequence of machine operations necessary to copy and process data and print the results.
5. Translate detailed flow charts into coded machine instructions and confer with technical personnel in planning programs.
6. Verify accuracy and completeness of programs by preparing sample data, and testing them by means of system acceptance test runs made by operating personnel.
7. Correct program errors by revising instructions or altering the sequence of operations.
8. Test instructions, and assemble specifications, flow charts, diagrams, layouts, programming and operating instructions to document applications for later modification or reference.

- Bidders must submit a bid for all resource categories
- The work is currently not being performed by a contracted resource

Security Requirement: *Common PS SRCL #06 applies*

Minimum Corporate Security Required: *Designated Organization Screening (DOS)*

Minimum Resource Security Required: *Enhanced Reliability*

Contract Authority

Attention: *Mark Beriault*

Email Address: infcontracts-contrats.infccanada.ca

Inquiries

Inquiries regarding this RFP requirement must be submitted to the Contracting Authority named above. Request for Proposal (RFP) documents will be e-mailed directly from the Contracting Authority to the Qualified Supply Arrangement

Holders who are being invited to bid on this requirement. BIDDERS ARE ADVISED THAT "BUYANDSELL.GC.CA" IS NOT RESPONSIBLE FOR THE DISTRIBUTION OF SOLICITATION DOCUMENTS. The Crown retains the right to negotiate with any supplier on any procurement. Documents may be submitted in either official language.

NOTE: Task-Based Informatics Professional Services (TBIPS) Method of Supply is refreshed three (3) times per year. If you wish to find out how you can be a "Qualified SA Holder", please contact RCNMDAI.-NCRIMOS@pwgsc.gc.ca