ADVANCE CONTRACT AWARD NOTICE (ACAN)

1.   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.

2.   Background

The Polar Continental Shelf Program's (PCSP) mission is to provide safe, efficient and cost-effective logistics services in support of Government priorities and economic prosperity. With 56 years of experience operating in the Canadian Arctic, Natural Resources Canada's (NRCan) PCSP helps researchers to safely and efficiently access the North. PCSP's suite of logistical services includes:

- Charter air transportation to and from remotely located field sites in Canada's North.
- Supply and staging of fuel across the Canadian Arctic for use by aircraft, and for use in field camps.
- Rental of specialized field equipment such as tents, ATV's, GPS units, etc.
- Accommodation at PCSP's facility in Resolute Bay, NU (sleeps up to 215 people with access to 3 cooked meals per day).
- Laboratory and working space at the PCSP facility in Resolute Bay, Nunavut.
- Advice on licensing and permitting in the North.
- Communications network, providing a lifeline for flight crews, and PCSP-supported researchers in fly camps stationed across the Canadian Arctic.

PCSP provides annual logistics services to over 150 research projects across the Canadian Arctic in addition to providing field equipment to over 100 projects in southern Canada. PCSP operates from multiple NRCan locations (Ottawa Booth Street, Ottawa Sheffield Road, Resolute Bay). Over the past few years, PCSP has expanded its client based and integrated two (2) business units: field equipment services and arctic logistics services. However, this growth and these organizational changes have been matched by an upgrade to PCSP business processes and tools. Over the years, PCSP has developed two databases (one for arctic field logistics and one for field equipment services) to help manage client requests, plan and deliver services and invoice clients. These databases are not on NRCan-supported platforms and have reached the end of their lifecycle. PCSP clients (both internal and external to federal government) use web-based tools to submit their logistics and equipment requests. These web-based tools no longer meet current government standards. Plus, there is a need to integrate these tools to improve efficiency of PCSP business processes.

PCSP plans and manages a vast array of logistical services in the Canadian Arctic including air charter transportation, supply and staging of fuel, rental of field equipment, accommodations and working space in Resolute Bay, NU, and a communications network for health and safety. These services are planned, delivered and managed using PCSP's IMT system. The system consists of 1998-2003 vintage components using a variety of software platforms, user interfaces and web pages. Over the last 10 years, significant modifications have been made to these systems without the presence of documentation. The various system components are not integrated and no documentation has been generated as the components were developed in-house and over time. PCSP staff is not available to assist with transfer of knowledge (even if we had all the knowledge needed). This implementation must take place by October 2014 at the latest, without too much interruption to these databases.

The suggested Contractor has the requisite knowledge of the existing IMT system including its software architecture, functionality and features, business rules and operational usage environment because this supplier has been providing assistance to PCSP over the years to improve reliability of the system and ensure that northern operations (and hence northern researcher health and safety) are not put at risk. Although it could be argued with

Natural Resources Ressources naturelles
Canada Canada

enough money anything can be done by October 2014, in this case, that is untrue given the lack of documentation, the uniqueness of the PCSP IMT system and the inability of PCSP to engage in significant knowledge transfer.

Only this supplier can ensure that the unique requirements of operating in the arctic and the ensuring the safety of researchers can be met and the risk mitigated in the needed timeline.

3. Objectives

NRCan wishes to establish the provision of a contract whereby the Contractor delivers an end-to-end solution in modernizing and integrating the Polar Continental Shelf Program's legacy applications and databases.

The objective is to modernize and integrate the PCSP legacy applications and databases (listed below) into an integrated system accessible from multiple locations. In this document, the new modern and integrated system is referred to as PCSP+ to differentiate it from the legacy applications and databases.

Description of the Legacy PCSP system:

PCSP Legacy Applications and Databases	Functionality	Deliverable
FEIS – Field Equipment Inventory System – FoxPro DB	- Equipment inventory management - Equipment order management - Approval management (Section 32) - Purchasing - Vendor management	A modernized and integrated PCSP system accessible from multiple PCSP locations (PCSP+)
Access – PCSP	- Service inventory management	

Resolute – MS Access DB	- Order management / booking services
	- Resource planning
	- Accommodations management
	- Knowledge base for logistical services, ie:
	  - Fuel cache locations
	  - Logistical planning
	  - Flight plans
	- Financial aspects as per logistical and inventory services	

Form 11 – PCSP Web Logistic Request Form	Web app & FoxPro DB - Submission of Arctic Logistic, equipment and service requests. External clientele (i.e: universities, other government departments (OGD), etc.)	
E-FEL – Electronic Field Equipment Listing	- Web application & FoxPro DB - Equipment ordering system for non-Arctic scientific research - Client order management	

Natural Resources Ressources naturelles
Canada Canada

4.   Scope of Work

The scope of this work includes the analysis, design, development and delivery of a turnkey PCSP+ system based on the requirements stated below.

Description of Requirements Related to New PCSP+ System:

Application/Component	Requirements Source
FEIS – Field Equipment Inventory System (FoxPro DB)	Functional requirements will be derived by the Contractor from the existing application.
Access – Resolute Bay MS Access DB	Functional requirements will be derived by the Contractor from the existing application.
Form 11 – PCSP Web Logistic Request	Business and functional requirements for the replacement and enhancement of these two (2) legacy applications have been defined in the following NRCan documents: • PCSP – Client Logistic Services Request – BFRD v3.0.doc **NOTE:** for Phase 1 and Phase 2 deliverables, v2.2 draft of this document, specifically sections 2.12, 2.13, 3.14 and 3.16 will be used for interfacing to legacy FEIS and Access. • PCSP – SAP JV API v1.0.doc

Note: For FEIS and Access, it is the requirement of the Contractor, in consultation with NRCan, to ensure they have the most current versions of these applications.

Functional requirements for FEIS and Access will include:

- User screens (input, output);
- Reports;
- Queries;
- Programs;
- Business rules;
- Stored procedures;
- Databases (schemas, tables, relations, elements, attributes); and
- Application interfaces.

Functional requirements from the above referenced documents will include functional requirements (FR items), screen mock-ups, functions depicted and noted on screen mock-ups (may be repeat of FR items, just a graphical representation), and data elements (DE items).

In summary, the functional requirements from the two (2) legacy applications (FEIS and Access) and the 2 requirements documents need to be integrated together to form a new single application – PCSP+.

Functional Requirements Determined from FEIS and Access

It is the Contractor's responsibility both from a task and their cost perspective to:

- Identify all functions, including duplicate, redundant, or legacy functions (as further defined herein);
- Determine if any legacy components or interfaces should be reused and/or modified;
- Solicit NRCan's approval on inclusion of functions in resultant PCSP+ system.

Natural Resources   Ressources naturelles
Canada   Canada

Duplicate Functions

It is likely (and expected) that there will be functional requirements that are duplicated:

- Exist in FEIS and Access
- Exist in FEIS and the requirements documents
- Exist in Access and the requirements documents
- Exist in Access, FEIS and the requirements documents

In the new single application (PCSP+), duplicate functions are **not** required.

It is the Contractor's responsibility both from a task and their cost perspective to:

- Identify duplicate function(s), including any difference between functions
- Solicit NRCan's approval on removal of duplicate function(s) and guidance regarding differences

Redundant or Legacy Functions from FEIS or Access

It is possible that there will be functions in Access or FEIS that may not be required in the new PCSP+. These may include functions required by the legacy environment but not needed in the new environment or functions that are redundant in the new environment.

It is the Contractor's responsibility both from a task and their cost perspective to:

- Identify potential redundant or legacy function(s), including a brief description/rationale
- Solicit NRCan's approval on removal of redundant or legacy function(s)

PCSP Resolute Bay Location

The PCSP Resolute Bay (Nunavut) location, due to its critical operations, requires PCSP+ operational to have the same level of availability as PCSP+ from the main Ottawa location. This will be achieved via:

- IIS server in Resolute Bay, hosting PCSP+
    - Synchronized, redundant backup to IIS server hosting of PCSP+ in Ottawa
- SQL server in Resolute Bay, hosting PCSP+ database
    - Real-time synchronized, redundant backup to SQL server hosting PCSP+ database in Ottawa

Normal operation: When communication between the IIS and SQL servers between Ottawa and Resolute Bay is operating properly, functionality will be as follows:

- Resolute Bay users can either be served by the Resolute IIS server and the Resolute SQL server, or by the Ottawa IIS server and Ottawa SQL server
    - The resolution of the above option will be further analyzed by NRCan IT network operations, in consultation with the Contractor, as needed, to determine the most suitable method of operation.

Failure operation: When communication between the IIS and SQL servers between Ottawa and Resolute Bay is **NOT** operating properly, functionality will be as follows:

- Resolute users will be served by the Resolute IIS server and the Resolute SQL server
- The PCSP+ application may either provide full functional operation, or be restricted to a "read-only" mode of operation
    - The resolution of the above option will be further analyzed by NRCan IT network operations, in consultation with the Contractor, as needed, to determine the most suitable method of operation.

The intent of PCSP+ is to functionally operate in this environment, including the ability to adapt to the options discussed for normal and failure operation. It is expected that this functionality will be achieved by server infrastructure/options, thus is the responsibility of NRCan. Further discussion/discovery by NRCan may determine that additional requirements are needed in the PCSP+ application design, at which time this will be addressed via a change request for any new/changed requirements.

The hardware and server software (operating system, IIS, SQL) for both Ottawa and Resolute locations is the responsibility of NRCan.

Data Record Extraction/Transformation/Loading (ETL)

The contractor will be responsible, both from a task and cost perspective, for the following regarding data records:
- initial extraction from legacy databases
- identification of duplicate, redundant, and legacy records
- solicit NRCan's approval on removal of duplicate, redundant, and legacy records
- any required transformation/normalization of records for new database structure
- loading of records into new database structure

As this initial ETL will be done prior to going live, the data records will be continually changing in the still operational legacy systems. Thus, the contractor will be responsible for:
- purge of records in new data structure and new ETL from legacy sources to new data structures at "freeze" point prior to going live
- if going live needs to be repeated or delayed due to PCSP+ applications issues/defects, any subsequent purge and ETL will be the contractors responsibility
-

Transaction data records
The extracted data will contain records that are "transactional" type records, such as sales orders, issues against orders, returns, purchase orders, receipts, etc.

The loading of these "transactional" type records may or may not be required in the new PCSP+ database. The contractor will be responsible for:
- Identification of transactional records, including records that are "open" – unfulfilled sales order, unfulfilled purchase order, etc.
- solicit NRCan's agreement on "closed" transactional type records NOT being loaded into PCSP+
    o if agreed to, contractor will exclude these records from loading
- solicit NRCan's direction on handling of "open" transactional type records – to be loaded or not into PCSP+
    o contractor will either include or exclude these records from loading, based upon NRCan direction

Bilingual User Interface

All user interfaces must have bilingual capability; English and French. This includes all web pages/screens, displays, emails, and any resultant output reports.

NRCan will be responsible for providing final text, both in English and French, as defined in the task deliverables. Text shown in provided requirements documents should not be considered final.

The contractor will be responsible for:
- developing PCSP+ to have bilingual user interface capability
- for Access and FEIS, provide NRCan a list of English text elements that are part of the user interface
    o NRCan will provide any required revision to these English text elements as well as the corresponding French text.
- incorporating final English and French text, as provided by NRCan, into PCSP+

5.   Deliverables

The following tasks are considered within the scope of this work.

Item	Description	Deliverables
Phase 1: Planning and Dependencies		
1.1	Identify common, duplicate, redundant, and legacy functions	Contractor: Listing of functions for NRCan review/decision
1.2	Business/functional gap analysis/action plan	NRCan: Documented gap analysis/action plan, agreed to by NRCan and contractor
1.3	Identify required changes in FEIS	Contractor: Listing of function changes for NRCan

Item	Description	Deliverables
		review/decision
1.4	Identify required changes in Access	Contractor: Listing of function changes for NRCan review/decision
1.5	Data conversion/interfacing plan	Contractor: Documented plan for NRCan review/decision
1.6	Detailed plan for Phases 3 and 4	Contractor: Documented plan for NRCan review/decision, identifying legacy source code and components that can be reused in PCSP+.
Phase 2: DB Model and PCSP+ (Form 11 + E-FEL)		
2.1	Create new logical/physical database model	Contractor: Documented data model for NRCan review
2.2	Identify any data migration/conversion issues	Contractor: Documented issues for NRCan review/decision
2.3	Legacy databases to new database interfaces, reusing and modifying existing legacy interfaces as applicable and as determined by contractor.	Contractor: Develop/test interfaces
2.4	Clean-up and merge inventory item catalogue	Contractor: New master catalog loaded into database
2.5	Final English and French text associated with user interface elements for - Client Logistic Services Request - BFRD v3.0.doc	NRCan: English and French text provided by NRCan to Contractor
2.6	All functional requirements from PCSP - Client Logistic Services Request - BFRD v3.0.doc, excepting interfaces to legacy FEIS and Access, which are defined in v2.2draft of this document, specifically sections 2.12, 2.13, 3.14 and 3.16.	Contractor: Functional system, incorporating final English and French text provided by NRCan\n\nNote: At this phase, the system may not make use of the GoC or NRCan templates as defined herein in "Applicable Standards"
2.7	Application packaging/transfer	Contractor: Delivery of application and documentation to NRCan (for design use)
2.8	User training – knowledge transfer	Contractor: Train the NRCan PCSP trainer(s) session\n\nThe training will consist of maximum 1 day.
2.9	Design training – knowledge transfer	Contractor: Train the NRCan technical developers (2):\n• By doing a full code review of the functionalities of PCSP+\n• By describing the deployment methodologies to adopt\n• By describing different modules (report, calls to external systems, interfaces, etc.)\n• Describing the database redundancy\n• Review the technical documentation\n\nThe training will consist of maximum 1 day.
Phase 3: PCSP+ (FEIS)		
3.1	English user interface text elements from FEIS	Contractor: Listing of user interface English text elements for NRCan review/revision and translation to French
3.2	Final English and French text associated with user interface elements from FEIS	NRCan: English and French text provided by NRCan to Contractor
3.3	All functions from FEIS identified by NRCan as being required	Contractor: Functional system, incorporating final English and French text provided by NRCan
3.4	Identification of FEIS transactional data records	Contractor: Listing of transactional data record types, including "open" and 'closed' for NRCan review/decision.
3.5	ETL from FEIS to PCSP+	Contractor: Functional system with data records

Item	Description	Deliverables
3.6	Interface from PCSP+ inventory management to legacy Access	Contractor: Develop/test interface
Phase 4: PCSP+ (Access + SAP Interface)		
4.1	English user interface text elements from Access	Contractor: Listing of user interface English text elements for NRCan review/revision and translation to French
4.2	Final English and French text associated with user interface elements from Access	NRCan: English and French text provided by NRCan to Contractor
4.3	All functions from Access identified by NRCan as being required	Contractor: Upgraded functional system, incorporating final English and French text provided by NRCan
4.4	All functional requirements from: PCSP - SAP JV API v1.0.doc	Contractor: Functional system
4.5	Purge and ETL from FEIS/Access to PCSP+	Contractor: Upgraded functional system with data records. PCSP+ prepared for "go-live"
4.6	Application packaging/transfer	Contractor: Delivery of application and documentation to NRCan (for design use)
4.7	User training – knowledge transfer	Contractor: Train the NRCan PCSP trainer(s) session. The training will consist of maximum 1 day.
4.8	Design training – knowledge transfer	Contractor: Train the NRCan technical developers (2): • By doing a full code review of the functionalities of PCSP+ • By describing the deployment methodologies to adopt • By describing different modules (report, calls to external systems, interfaces, etc.) • Describing the database redundancy • Review the technical documentation The training will consist of maximum 1 day.
Post Release		
PR1	Support for released version of PCSP+	*Time & Materials* Service Support Agreement/Warranty: for a duration of 12 months following the final release of PCSP+

6.   Constraints

The following are constraints associated with this project. These **must** be considered and factored into the PCSP+ design, development, testing, implementation deployment, and on-going maintenance support.

Item	Constraint	Description/Details	Impact/Risk
C1	Resolute Bay connectivity	An existing parallel project is on-going to enhance the network connectivity in Resolute Bay by equipping the PCSP site with a new satellite link. This will provide both Internet connectivity and LAN interconnection with NRCan Ottawa	Without this connectivity, the intended operation of PCSP+ cannot be supported.
C2	PCSP season activities in the North	PCSP seasonal activities in the north are from February to September annually. For each annual season, planning begins in October of the year before.	If the new system is not fully implemented and operational before October, the implementation will be delayed 12 months. As the PSCP+ is intended to better support PCSP northern operations, thus mitigate/decrease risk, implementation

Item	Constraint	Description/Details	Impact/Risk
			delay would negate this risk mitigation/reduction.
C3	Documentation	There is **no** documentation of the existing legacy applications.	The impact of having no documentation is as follows: • Contractor must already know functions of existing application or be able to derived them from existing applications • Contractor must have existing knowledge of how functions relate to business requirements • Contractor must have existing knowledge of PSCP operational processes and procedures Due to lack of PCSP resource availability to assist the contractor in obtaining the above knowledge, it must be pre-existing for a successful project.
C4	PCSP resource availability	PCSP has no staff to assist with understanding PCSP, its operational cycle, details of the legacy applications, or other related IMT systems as they are fully dedicated to on-going business operations.	Contractor will have very limited access to the entire knowledge base resident with PCSP staff. This, combined with no documentation, means the contractor **must** have pre-existing knowledge of PCSP, its operational cycle, details of the legacy applications for the project to be successful.
C5	Existing operations impact	PCSP must be able to use the existing systems without any degradation of service while the new system is under development. Any phased implementation of the new system must: • Have no negative impact on existing operations • Have no loss of any existing functionality • Not cause any delays in existing operations	Existing operations **must not** be impacted; otherwise the risk to critical operations in the north will be increased.
C6	Criticality of operations in the north	Operating in the unique environment of the north carries inherent risks for PCSP, including but not limited to: • Potential loss of life • Search and rescue operations support • Safety of researchers • Successful support of critical Government of Canada priorities for the north • Support of program compliance to related	To ensure continued mitigation of these critical risks of operating in the north, existing operations **must not** be impacted. With no documentation and limited access by contractor to PCSP, the contractor **must** have pre-existing knowledge of the criticality of operations in the north.

Item	Constraint	Description/Details	Impact/Risk
		authorities in the north; permits, assessments, approvals, etc.	

7. Reporting Requirements

The Contractor will provide a weekly status report(s) to the Project Authority. The reports will represent the progress of assigned tasks and associated deliverables. This reporting frequency can be altered with the mutual agreement of Contractor and NRCan.

The Contractor will immediately report to the Project Authority any issues which are affecting progress of the work.

8. Method and Source of Acceptance

All deliverables and services rendered under any contract are subject to inspection by the Project Authority. The Project Authority shall have the right to reject any deliverables that are not considered satisfactory, or require their correction before payment will be authorized.

The PCSP+ system will be tested by NRCan upon delivery of each version of system. The system shall be deemed accepted when the deliverables have been completely delivered and meet the quality criteria set by the Project Authority. In general terms, the system should:

- support full bilingual capability (French and English)
- have a front end interface that is accepted as sufficiently "user-friendly" by NRCan
- consist of a schema that allows linkages to external data repositories and databases (e.g. SAP, DPS (employee directory), PSOFT)
- perform so as not to impede PCSP operations under normal conditions
- register all changes to the PCSP+ database (including those involving data definition and manipulation) with a time-stamp and the registered user name
- The PCSP+ should be flexible enough to support future changes to the database schema or the application layer

9. NRCan's Obligations

NRCan will:

- Provide a central point of contact for customer resources
- Schedule meetings
- Coordinate deliverable reviews with the contractor
- Follow up on requests and questions
- Provide access to all relevant policies, guidelines and standards
- Comment on the draft reports within five (5) days
- Provide guidance and assistance with respect to the work defined

10. Contractor's Obligations

In addition to the obligations outlined within the Statement of Work, the Contractor shall:

- Keep all documents and proprietary information confidential
- Return all materials belonging to NRCan upon completion of the Contract
- Submit all written reports
- Attend meeting with stakeholders, if necessary
- Participate in teleconferences, as needed
- Attend meetings at NRCan sites, if required
- Deliver a Turnkey system

Natural Resources   Ressources naturelles
Canada   Canada

- Respect the delivery schedule

11.   Applicable Standards

- The website should be usable with all major web browsers including, but not limited to Internet Explorer, Firefox, Chrome, Safari, etc. and be accessible from a computer, a web enabled smart phone or a tablet. It is intended this will be achieved by the contractor using the templates defined in the following section, Platform Technologies. Thus the contractor is only responsible for using the templates, while the compatible with various browsers and devices is the responsibility of NRCan via their templates.
- The website must comply with the GOC Web Standards [http://www.tbs-sct.gc.ca/ws-nw/index-eng.asp], including Usability, Interoperability and Accessibility (WCAG).
  - o WCAG 2.0 Success Criteria Checklist A & AA can be verified at this url: [http://www.tbs-sct.gc.ca/ws-nw/wa-aw/wa-aw-assess-methd-eng.asp]
    - ▪ Contractor should provide NRCan a copy of the Results Summary Report.
  - o There is no checklist or report for Usability and Interoperability.

12.   Platform Technologies

The application will run in the following environment and must be developed to accommodate the following:
- Visual Studio 2013
- SQL Server 2012
- .NET framework 4.5
- ASP.NET MVC 5

Note: Existing legacy environments may be used in Phase 2 of the project and for data conversion purposes, as determined by the Contractor.

An NRCan web Toolkit template for .NET is currently being developed and is anticipated to be available in January 2014, at which time it will be provided to the Contractor. In the meantime, the reference at http://www.tbs-sct.gc.ca/ws-nw/wa-aw/wet-boew/index-eng.asp should be used.

The development should concentrate on views without layout!

13.   Location of Work and Security

Contractor will NOT be required to perform their work activities on NRCan premises. Contractor's work activities will be performed at a location of their choosing however must be within Canada.

Key NRCan personnel will be made available, subject to constraints defined herein, to the contractor between the hours of 09:00 and 17:00 EST, Monday to Friday (with the exception of public holidays) and only these times.

Note: all key personnel working under this requirement must have a valid Reliability security clearance issued by CISD at PWGSC at time of Contract Award.

14.   Type of Contract

Phases 1 to 4 as itemized in the matrix is the *fixed price* portion of the work. This delivers a turnkey system that is specified, analysed, designed, developed, installed, and started up through this single contract. The payment will be scheduled at the successful completion of each phase.

The Post Release phase of the work encompasses the system support and maintenance period. This phase will be managed as a time-and-materials component of the same contract. Payment during the maintenance period will depend on the support required by the user base and the service rendered. This support component will be in effect for a fixed duration (to be mutually agreed) and will terminate at the end of the post release period.

15. 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

16. Title to Intellectual property

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

17. Contract Period

The contract will begin on award of contract to October 31, 2014.

18. Estimated Cost

The estimated maximum value of the contract is $306,000.00, excluding all applicable taxes.

19. 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

Only this supplier has the requisite knowledge of the existing IMT system including its software architecture, functionality and features, business rules and operational usage environment because this supplier has been providing assistance to PCSP over the years to improve reliability of the system and ensure that northern operations (and hence northern researcher health and safety) are not put at risk. Although it could be argued with enough money anything can be done by October 2014, in this case, that is untrue given the lack of documentation, the uniqueness of the PCSP IMT system and the inability of PCSP to engage in significant knowledge transfer.

Over the last ten (10) years, there have been significant modifications made to these applications without the presence of documentation. Therefore, it would take, at a minimum, 2 – 3 months to do reverse engineering if another company was to do this work since there is no in-house expertise or documentation available.

In addition, as outlined above, because the system has no documentation and there is little capacity within PCSP for knowledge transfer, the supplier must already have knowledge of existing software architecture, functionality and features, embedded business rules and application usage, and existing PCSP operations, including arctic IMT infrastructure limitations in Resolute Bay. The supplier must also have experience in managing the risk associated with IMT development for business in the north, including risk to life, as it pertains to the functionality of the resulting product. As a result the supplier would have to have three (3) years of experience working with PCSP and supporting the existing IMT system

NRCan is not aware of any other supplier who could meet these requirements and ensure that the October 2014 deadline is met and PCSP's program not be put at risk.

Natural Resources Ressources naturelles
Canada Canada

20. Name and Address of the Proposed Contractor

Majdoud Computer Consulting
7866 Allman Street
Burnaby, British Columbia
V5E 2B1

21. 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.

22. Closing Date

The closing date for submitting statements of capabilities is 31 January 2014 at 2:00 PM EST.

23. Contract Authority

Valerie Holmes
Senior Procurement Officer
Natural Resources Canada
615 Booth Street, 4th Floor.
Ottawa, ON
K1A 0E9
Telephone: (613) 943-3580
Fax: (613) 996-1024
E-mail :   valerie.holmes@nrcan-rncan.gc.ca