

Gas Equipment Network Monitoring – Solicitation Number: 17-22035

Advance Contract Award Notice (ACAN): 17-22035

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.

Definition of the requirement:

The National Research Council, Information and Communication Technologies has a requirement for a Gas Guard Specialty Gas System, whereby the contractor will compile data for 35 pieces of equipment ICT is presently using for gas monitoring. The contractor will design a software program (not off the shelf) that will be used to control, monitor and remotely view gas limits/problems and address safety issues. The contractor will segregate data/feedback of (NRC owned) gas storages and distributions from a safety shutdown functionality point of view.

The functionality capture will bring CPFC gas storage and distribution functionality to current levels used by foundries today, enhance reliability, data trending and better access to process gas informatics

Criteria for assessment of the Statement of Capabilities (Minimum Essential Requirements):

- Must be Original Equipment Manufacturer (OEM) certified to upgrade the existing functionality of a broad range of OEM equipment.
- The equipment used in the multi-shift manufacturing environment must all be monitored centrally and supportable to minimize any downtime.
- The software programming, system engineering and components must be fully compatible, functional and be fully integrated with the current proprietary MEMS system.
- Technicians must have “Certification from the Original Manufacture” Versum Materials;
- Use only Genuine OEM parts;
- Provide 24/7 helpdesk with expert support;
- Provide spare part kits for scheduled maintenance for the entire Versum Materials product line;
- Provide access to drawings, designs, software records and product improvements;
- Ability for Online Remote Monitoring;
- Ability to connect ‘live’ to control system;
- Must have 10 years’ experience with Versum Materials (formerly Air Products)

Applicability of the trade agreement(s) to the procurement:

North American Free Trade Agreement (NAFTA)

Justification for the Pre-Identified Supplier:

The Non-Competitive recommendation is based on unification of systems and cross-platform compatibility (OEM Hardware/Software Platforms). NRC/ Information and Communication Technologies have a

requirement for a turn-key service provider that will upgrade the Canadian Photonic Fabrication Center gas distribution and storage systems (equipment and software). Versum Materials has been selected for this requirement as they are the original designer of equipment in question, they own the IP associated with the buildings gas distribution and storage systems infrastructure and the sole vendor that can update the requirement.

Limited Tendering Procedures/applicable:

1016 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

1016 d. For additional deliveries by the original supplier that are intended either as replacement parts or continuing services for existing supplies, services or installations, or as the extension of existing supplies, services or installations, where a change of supplier would compel the entity to procure equipment or services not meeting requirements of interchangeability with already existing equipment or services, including software.

Ownership of Intellectual Property: No Intellectual Property will be generated from this contract, all Intellectual Property belongs to Versum Materials, should any Intellectual Property arise as a result of this contract, Ownership of any Foreground Intellectual Property will remain with the Contractor.

Estimated Contract Start date and End date: August 01 2017 – March 31 2018

Estimated Contract term: The initial contract will be for 8 months – 12 months however, NRC reserves the right to award additional contracts of similar scope of work for up to three years after this solicitation closes.

Cost estimate of the proposed contract: (initial contract \$97,720.00 Canadian)

Proposed Supplier: Versum Materials, 8555 S River Parkway, Tempe, AZ, 85284-2601

Suppliers' right to submit a statement of capabilities: Suppliers who consider themselves fully qualified and available to provide the goods, services or construction 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.

Closing date for a submission of a statement of capabilities: July 20, 2017, 2PM Eastern

Inquiries and submission of statements of capabilities:

Procurement Officer: Steve Cassidy Tel: (613) 993-0851; Email: Steve.Cassidy@nrc-cnrc.gc.ca

