



ADVANCE CONTRACT AWARD NOTICE (ACAN)

1. Title

Servicing Micro-G LaCoste instruments at Natural Resources Canada.

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. Background and description of requirement

Natural Resources Canada's (NRCan) Earth Sciences Sector (ESS) in Ottawa, ON possesses two scientific instruments that require servicing every 2 to 3 years. The highly specialized equipment measures the absolute gravity using free-fall approach in a vacuum. The equipment was purchased from - Micro-G Lacoste. The A10-003 was purchased and delivered in 2000 at the cost of \$205,051.00 and the FG5-236 in 2007 at the cost of \$354,715.00.

The A10 and FG5 allow researchers at NRCan to measure gravity down to the 8th decimal (9.81234787 m/s²) allowing to study of the exact shape of the Earth for accurate positioning, crustal deformation, mass density and mass redistribution, earthquake study, geophysics, geology, etc. Maintaining a national network of gravity stations with its temporal variation is part of the Division's core activities.

The FG5-236 and A10-003 require a standard maintenance service (tune-up), which includes servicing the dropping chamber, interferometer base, superspring, electronics and computer system. Two main parts, which maintain vacuum in the dropping chamber, need to be replaced due to normal usage. The service includes a series of inspections, lubrication, cleaning, alignment, calibration, replacement of basic parts and test runs on a known calibrated base. Service and calibration of the instruments requires specialized expertise, diagnostic equipment and testing facilities in a controlled environment.

4. Objectives

Natural Resources Canada requires servicing of the A10-003 and FG5-236 equipment manufactured by Micro-G Lacoste. The maintenance will take place during the fiscal year 16/17 and scheduling will be arranged at a mutually agreeable time.



5. Project Requirements

5.1 Tasks, Deliverables, Milestones and Schedule

Quantity	Description	Cost in USD
1	Standard Maintenance for A10-003	\$8,000.00
2	Ion pump replacement for A10-003	\$1,000.00 each = \$2,000
1	Ferrofluidic Feedthrough for A10-003	\$1,200.00
1	Standard Maintenance for FG5-236	\$8,000.00
1	Ion Pump Replacement for FG5-236	\$1,200.00
1	Ferrofluidic Feedthrough for FG5-236	\$1,200.00
Total		\$21,600.00 USD

6. Trade Agreements

Trade agreements are not applicable.

7. Title to Intellectual property

The contract will not result in the development of any intellectual property.

8. Contract Period

The contract period shall be from August 8, 2016 to March 31, 2017 inclusive.

9. Estimated Cost

The estimated maximum value of the contract is \$21,600.00 USD, including all applicable taxes.

10. 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

Natural Resources Canada required the servicing of Micro-G Lacoste’s proprietary equipment, for which the vendor has not shared or made public its design schematics and/or calibration procedures. The service to maintain the highly specialized scientific equipment referenced in *Section 3* can only be performed by personnel from Micro-G LaCoste, who has received the required training and have complete and total access to the documentation related to the equipment. Micro-G LaCoste is the only vendor with the knowledge, expertise and access to the required -diagnostic equipment to complete this service.



11. Name and Address of the Proposed Contractor

MICRO-G LACOSTE INC.
1401 Horizon Avenue
Lafayette, CO 80026
USA

12. 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.

13. Closing Date

Closing Date: ?? July 2016
Closing Time: noon EDT

14. Contract Authority

Len Pizzi
Procurement Officer
Natural Resources Canada
183 Longwood Road South
Hamilton, ON
L8P 0A5
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