



ADVANCE CONTRACT AWARD NOTICE (ACAN) FORENSIC TOXICOLOGIST SPECIALIST SUPPORT

1. Advance Contract Award Notice (ACAN)

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.

2. Definition of the requirement

The Canadian Nuclear Safety Commission (CNSC) has a requirement for support and input from a forensic toxicologist specialist for the purpose of reviewing and revising the Commission's REGDOC-2.2.4: *Fitness for Duty, Volume II, Managing Alcohol and Drug Use*.

On November 9, 2017, the Canadian Nuclear Safety Commission (CNSC) approved the publication of REGDOC-2.2.4: *Fitness for Duty, Volume II, Managing Alcohol and Drug Use*. In the near future, based on the implementation plans of impacted high security licensees, alcohol and drug testing will be required from workers of Nuclear Power Plants (NPPs), select waste facilities, and Chalk River Laboratories. Appendix B of REGDOC 2.2.4, sets out the cut-off values or threshold limits for urine-based drug testing for licit and illicit drugs to enable the determination of a policy violation. However, as part of licensees' implementation plans, affected licensees have requested that oral fluid-based drug testing be added and or substituted for urine-based testing. To this end, it was necessary to scientifically validate forthcoming proposed threshold limits for laboratory and oral fluid point of collection testing (POCT), as appropriate. As a result, a report was produced which enabled CNSC staff to make a recommendation to revise REGDOC 2.2.4, Volume II to potentially allow for oral fluid and point of collection testing.

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

Any interested supplier must demonstrate by way of a statement of capabilities that it meets the following requirements:

- a) The Supplier's proposed resource must have a minimum of ten (10) years of experience in forensic toxicology within the past fifteen (15) years, preceding the response closing date;
- b) The Supplier's proposed resource must have a minimum of five (5) years of experience within the past ten (10) years, preceding the response closing date, providing reports and scientific advice related to laboratory and point of collection drug testing methodologies including oral fluid analysis;
- c) The Supplier's proposed resource must have knowledge and understanding of oral fluid drug testing methodologies, standards, and equipment;



- d) The Supplier's proposed resource must have a minimum of twenty (20) publications in peer-reviewed journals in the field of forensic toxicology, preceding the response closing date;
- e) The Supplier's proposed resource must have knowledge and understanding of the impacts of tetrahydrocannabinol (THC) and other psychoactive substances on the human performance of workers in safety sensitive industries;
- f) The Supplier's proposed resource must have a PhD in either organic chemistry, biochemistry, or toxicology.

4. Applicability of the trade agreement(s) to the procurement

This procurement is not subject to any trade agreement(s).

5. Set-aside under the Procurement Strategy for Aboriginal Business

This procurement is not subject to any set-asides for Aboriginal Suppliers.

6. Comprehensive Land Claims Agreement(s)

This procurement is not subject to a Comprehensive Land Claims Agreement.

7. Justification for the Pre-Identified Supplier

The proposed contractor has extensive firsthand experience in the field of forensic toxicology, having provided publications, reports and scientific advice related to drug testing methodologies including oral fluid analysis. The proposed contractor is a recognized subject matter expert in conducting controlled drug administration studies, extending, but not limited to, cannabinoids.

The proposed Contractor is the only one with the requisite background and combination of knowledge and experience that can provide the required services, given the history, experience, and familiarity to complete the Work. The proposed Contractor meets the minimum essential qualifications.

8. Government Contracts Regulations Exception(s)

The following exception to the Government Contracts Regulations (GCRs) is invoked for this procurement:

- under section 6: *"Notwithstanding section 5, a contracting authority may enter into a contract without soliciting bids where... (d) only one person is capable of performing the contract."*

9. Exclusions and/or Limited Tendering Reasons

This procurement is not subject to Exclusions and/or Limited Tendering Reasons.

10. Ownership of Intellectual Property

There are no intellectual property terms in the contract.



11. Period of the proposed contract or delivery date

The proposed contract period is estimated to be for a period of two (2) years, from January 2020 to January 2022.

12. Cost estimate of the proposed contract

The estimated value of the contract, including options, is \$72,000.00 CAD, Applicable Taxes extra.

13. Name and address of the pre-identified supplier

Huestis & Smith Toxicology LLC
683 Shore Road
Severna Park, MD 21146 USA

14. 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.

15. Closing date for a submission of a statement of capabilities

The closing date and time for accepting statements of capabilities is Friday, January 3, 2020 at 11:00 a.m. EST.

16. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities must be submitted by email to:

Daniel Tilsley
Contracting Officer
Canadian Nuclear Safety Commission
cnsolicitation-demandedesoumission.ccsn@canada.ca