



National Defence

Défense nationale

National Defence Headquarters
Ottawa, Ontario
K1A 0K2

Quartier général de la Défense nationale
Ottawa (Ontario)
K1A 0K2

Nature of Requirement: Multiplex Hand-Held Assays

File: W6399-24-LO56/A

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 Department of National Defence has a requirement for the supply of quantity 200 Biothreat Alert (BTA) Bacteria Multiplex Hand-Held Assay (MHHA) kits (NSN 6550-01-672-3224) and a quantity of 200 Biothreat Alert Toxin MHHA kits (NSN 6550-01-674-1927). These units are sensitive, rapid, hand-held lateral-flow immunoassays for the detection and identification of pathogens and biological toxins. The MHHA kits will enable portable and reliable detection and identification of multiple biothreat agents with minimal sample preparation (ie. one sample required for multiple threat testing). Tetracore BTA Toxin MHHA kits and BTA Bacteria MHHA kits are known to meet the Minimum essential requirements detailed at Paragraph 3.

Optional Quantities of 200 BTA Toxin MHHA Kits and 200 BTA Bacteria MHHA Kits will be available each year for six, one-year optional periods.

The specific products requested are as follows:

Item 1:

NSN: 6550-01-672-3224

Part no: TC-8037-010

NCAGE: 1XSU

Description: Reagent Set, Antibody Detection (Biothreat Alert Bacteria multiplex strip)

Item 2:

NSN: 6550-01-674-1927

Part no: TC-8036-010

NCAGE: 1XSU3

Description: Reagent Set, Antibody Detection (Biothreat Alert Toxin multiplex strip)

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 its product meets the following requirements at the time of publication of this Notice:



- 3.1 Minimum Essential Requirements – The MHHA must
 - 3.1.1 Utilize an immune-chromatographic, anti-body antigen based technology as its means of identification;
 - 3.1.2 Be hand-held;
 - 3.1.3 Be a true multiplex or multi-channel assay system; and
 - 3.1.4 Accommodate both powder and liquid sample types.
- 3.2 Analysis and Identification – The MHHA must:
 - 3.2.1 Have an analysis time of twenty (20) minutes or less;
 - 3.2.2 Have control analyses to avoid false negatives; and
 - 3.2.3 Not require an electronic reader.
- 3.3 Temperature – The MHHA must:
 - 3.3.1 Perform analyses in temperatures ranging (as a minimum) from 10°C to 30°C; and,
 - 3.3.2 Have a shelf life of at least twenty-four (24) months, from date of shipment, when stored in temperatures ranging from 15°C to 25°C.
- 3.4 Test and Identification – The MHHA must, at a minimum using a single sample, simultaneously test for and identify the following:
 - 3.4.1 Bacterial agents at their respective minimum levels of detection as follows:
 - 3.4.1.1 Anthrax: 5 x 10⁷ cfu/ml;
 - 3.4.1.2 Burkholderia Mallei: 1 x 10⁶ cfu/ml;
 - 3.4.1.3 Francisella Tularensis (BD11-00177): 1 x 10⁷ cfu/ml; and
 - 3.4.1.4 Yersinia Pestis (NCTC10030): 1 x 10⁸ cfu/ml;
 - 3.4.2 Toxins at their respective minimum levels of detection as follows:
 - 3.4.2.1 Botulinum Neurotoxin, Type A: 125 ng/ml;
 - 3.4.2.2 Botulinum Neurotoxin, Type B: 250 ng/ml;
 - 3.4.2.3 Ricin (RCA120): 10 ng/ml; and
 - 3.4.2.4 Staphylococcal Type B: 20 ng/ml.

Note: Multiplex/Multi-channel systems may include a test for specified bacteria, and another for specified toxins.

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

This procurement is subject to the following trade agreement(s):

- World Trade Organization Agreement on Government Procurement (WTO-AGP)
- Canada-Chile Free Trade Agreement (CCFTA)
- Canada Free Trade Agreement (CFTA)
- Comprehensive and Progressive Agreement for Trans-Pacific Partnership (CPTTP)



- Comprehensive Economic Trade Agreement (CETA)
- Canada-Peru Free Trade Agreement (CPFTA)
- Canada-Columbia Free Trade Agreement (CColFTA)
- Canada-Panama Free Trade Agreement (CPanFTA)
- Canada-Honduras Free Trade Agreement (CHFTA)
- Canada-Korea Free Trade Agreement (CKFTA)
- Canada-Ukraine Free Trade Agreement (CUFTA)

5. Justification for the Pre-Identified Supplier

Tetracore Inc. is the only known supplier with products on the market which meet the Minimum Essential Requirements detailed in Paragraph 3.

6. Government Contracts Regulations Exception

The following exception to the Government Contracts Regulations is invoked for this procurement under subsection 6(d) - "only one person is capable of performing the contract".

7. Exclusions and/or Limited Tendering Reasons

The following exclusion(s) and/or limited tendering reasons are invoked under the Canadian Free Trade Agreement (CFTA) – Article 513 1(b)iii and similar justification under the International Trade Agreements.

8. Delivery date

The product must be delivered within 120 days of contract award.

9. Name and address of the pre-identified supplier

TETRACORE INC.
9901 Belward Campus Drive,
Suite 300
Rockville Maryland
United States
20850

10. 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.

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

The closing date and time for accepting statements of capabilities is February 05, 2024 at 14:00hr EST.



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12. Inquiries and submission of statements of capabilities

Inquiries and statements of capabilities are to be directed to:

Attn: Adam Cheung
Position: DLP 8-1-1
Telephone: 613-945-2730
E-mail: Adam.Cheung@forces.gc.ca

And

Attn: Angelina Costain
Position: DLP 8-1-2
Telephone: 613-990-4939
E-mail: Angelina.Costain@forces.gc.ca

Documents may be submitted in either official language of Canada.