



Canada Border
Services Agency

Agence des services
frontaliers du Canada



Defensive Spray, “INERT”

Purchase Description



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PROTECTION • SERVICE • INTEGRITY

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PURCHASE DESCRIPTION**DEFENSIVE SPRAY, "INERT"****1. SCOPE**

This purchase description describes the requirement for materials, design, construction and inspection of an "INERT" type of Defensive Spray used for training purposes by Border Service Officers (BSO) within the Canada Border Services Agency (CBSA).

2. GENERAL REQUIREMENTS

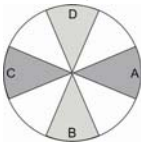
The "INERT" defensive spray is used for training purposes. It shall come in an 11cm high by 3.8cm diameter aerosol canister and shall contain only organic ingredients. The contents shall be pressurized using non-flammable and non-ozone depleting propellants. The canister shall be clearly labeled "INERT" and contain a minimum of 8 (eight) one second bursts.

3. All articles or materials covered by this purchase description shall be free from imperfections or blemishes such as may affect its appearance or serviceability. In the event of inconsistency with the purchase description, the Technical Authority shall be contacted for clarification.

4. DESCRIPTION

The Bidder must clearly demonstrate (with references to proposal documentation) how the proposed product complies with each criterion. Product not meeting all the following Mandatory Requirements will be considered non-compliant.

Para.	Title/Test	Requirement	Reference to proposal documentation (i.e, Brochure title, page and paragraph numbers)
4.1	Ingredients	2% - 10% Propylene Glycol USP	
		2% - 10% Denatured Alcohol (SDA) 40B	
		80% - 98% Distilled Water	
		Must be pressurized using a non-flammable non-ozone depleting propellant	
		Suppliers must submit with the bid package the material safety data sheets (MSDS) of proposed products.	

4.2	Canister	Must be Aluminum	
		Must have a push button release valve at top of the can.	
		Must come complete with protective spring loaded plastic safety cover to protect the release valve from being activated by accident. The safety cover must allow access from one side only so that the nozzle will be pointed away from the user. The safety cover must continue to function for the entire life cycle of the product. The canister must be durable, must not leak and must last the entire life cycle of the product.	
		The canister must be one directional spray	
		The canisters must be permanently affixed with a white label and the label must wrap completely around the circumference of the canister. If the canister color is red, orange, or blue the white the label must cover a minimum of 98% of the canister. If the canister is of a different color than red, orange or blue, the white label must cover a minimum of 80% of the canister. The labeling information (text) must not be affected by handling.	
4.3	Canister Dimensions	Height: 11cm \pm 3mm	
		Diameter: 3.8 \pm 3mm	
4.4	Volume/Weight	Minimum 8 bursts	
		Average number of 1 second bursts 8	
		Weight/Content 40 - 45 grams	
4.5	Spray Pattern	Must be stream type	
		Must have a minimum effective range of 4 meters	
		Continuous deployment from any angle, position, orientation  <p>(A) 3 o'clock (B) 6 o'clock (C) 9 o'clock (D) 12 o'clock</p>	
4.6	Shelf Life	Minimum 4 years	
4.7	Marking/Instructions	Canister identified clearly INERT using a minimum font size of 18pts.	
		Bilingual Text printed on canister	
		Label must contain: Manufacturer's Identification	

		Label must contain: Instructions on use (eg. To spray, press the top actuator aiming at the target in ½ to 1 sec bursts)	
		Label must contain: Contents/Ingredients (eg. Distilled Water, Propylene Glycol USP, and Denatured Alcohol SDA)	
		Label must contain: Expiry Date	

5. PACKAGING

- 5.1. The outer packages **must not** be marked with a description of the contents.
- 5.2. It is the responsibility of the manufacturer to ensure that goods are packaged in a suitable manner to be delivered in an undamaged condition. Any goods received in a damaged condition will be returned to the manufacturer for replacement at his full cost.
- 5.3. The contractor will package the "INERT" Defensive Spray in accordance with the industry standards and best commercial packaging.
- 5.4. The contractor will also identify clearly on the outside of each package (box) the following items:
 - Material Master number (see contract for specified size numbering)
 - Quantity contained in the box
 - Contract number