

**PROPOSAL REQUIREMENTS AND EVALUATION PLAN
FOR THE
LIGHTWEIGHT PROTECTIVE RESPIRATOR**

1.0 GENERAL

1.1 Purpose

This document outlines the proposal requirements and evaluation plan for the Lightweight Protective Respirator.

1.2 Background

The Lightweight Protective Respirator is a NIOSH certified half-mask respirator designed to provide respiratory protection due to inhalation of particulate contaminants resulting primarily from explosive gunfire residue. This includes both oil and non-oil based contaminants such as lead, asbestos, fentanyl and lubricant mist.

2.0 STAGE I: INITIAL EVALUATION

2.1 Request for Standing Offer (RFSO)

The RFSO will require a proposal package from each Offeror that includes the following:

- (a) Experience in the design and delivery of Lightweight Protective Respirators; and
- (b) Technical documentation that confirms compliance of the offered Lightweight Protective Respirator with the Operational Performance and Technical Requirements at Annex B.

2.2 Initial Evaluation

DND will assemble a Technical Evaluation Team (that may include Contractors), led by the Technical Authority, who will evaluate the proposals in accordance with the mandatory requirements. The evaluation will only consider the information provided by the Offeror with the offer in order to confirm compliance with the mandatory requirements. Failure to meet all of the mandatory requirements will deem the offer non-compliant and it will be given no further consideration. Compliant Offerors will be awarded a Contract (Annex A) to provide ten (10) Lightweight Protective Respirators in various sizes, spare filters and operator training prior to the Stage II trials.

3.0 STAGE II: OPERATIONAL PERFORMANCE ASSESSMENTS

3.1 Operational Performance Assessments

Each of the compliant Lightweight Protective Respirators from Stage I supplied by the Offerors will be subjected to the DND conducted Operational Performance Assessments. The assessments will be conducted at a DND location within Canada as follows:

- (a) Part I – Compliance Verification: The Lightweight Protective Respirators provided by each Offeror will be assessed by DND to verify that the system meets the Operational Performance and Technical Requirements at Annex in accordance with the Compliance Verification Checklist at Appendix 3. If an Offeror's Lightweight Protective Respirator is found to be non-compliant with any one of the requirements, the reasons will be recorded and the Offer will be deemed non-compliant and given no further consideration; and

- (b) **Part II – Operational Performance Assessments:** Each of the compliant Lightweight Protective Respirators from Stage I will be subjected to the DND conducted Operational Performance Assessments (Appendix 2). The assessments will be conducted as follows:
- i. **Familiarization:** Prior to conducting the assessments, the participants (evaluators) will be provided familiarization training from each Offeror such that, prior to the actual trials, each participant is familiar with each of the Lightweight Protective Respirators provided by all Offerors;
 - ii. **Activity 1 – Fit Sizing** – This trial is to determine the fit of the Lightweight Protective Respirator to various face types and sizes, providing a level of comfort to the user while retaining basic protective and functional capabilities. Each participant will be fitted to a respirator based upon the manufacturer’s instructions, and then rate the fit, adjustability, thermal and physical comfort and useability of the respirator by completing the Fit Sizing Questionnaire; and
 - iii. **Activity 2 - Performance Activities:** Each participant will conduct a series of activities based upon real-life scenarios similar to how the respirators would be used in operational and training (e.g., small arms shooting, close quarter battle drills, and forced/explosive entry). The activities will be completed by each participant using each of the Lightweight Protective Respirators provided by all Offerors such that each participant can provide an assessment of all Lightweight Protective Respirators. At the end of each activity, each participant will complete the Performance Activities Assessment Questionnaire in order to rate the performance of the Lightweight Protective Respirators from each Offeror.

4.0 STAGE III - BEST VALUE ASSESSMENT

4.1 Technical Merit Score

The scores from the Stage II, Part II Activity questionnaires will be combined to determine the Performance Score for each Offeror’s Lightweight Protective Respirator. Scores for each activity are the average of the scores from the questionnaires for all participants for that activity. Some activities have a higher weight than others as detailed below:

Test	Category	Score	Weight	Weighted Score
Activity 1				
1	Fit Sizing	___ out of 96	20%	(___/96) x 20 = ___
Activity 2				
1	Small Arms Shooting	___ out of 36	80%	(___/150) x 80 = ___
2	Close Quarter Battle Drills	___ out of 36		
3	Forced/Explosive Entry	___ out of 42		
4	Overall	___ out of 36		
Performance Score				___ out of 100

Minimum Score

The total Performance Score is the sum of the average score for all participants for the Lightweight Protective Respirators across all of the activities. In order to be compliant, the Offerors's system must receive a minimum Performance Score of 80 (out of 100) or the offer will be given no further consideration.

Technical Merit Score

The Technical Merit Score (out of 100) is the Performance Score of the system being evaluated divided by the Highest Performance Score achieved, then multiplying this ratio by 100 in order to get a score out of 100, as follows

$$\text{Technical Merit Score} = 100 \times (\text{Performance Score}/\text{Highest Performance Score})$$

The system receiving the highest Performance Score will get a Technical Merit Score of 100, and the remaining systems will have a Technical Merit Score that is a fraction of 100 based upon the total Performance Score for that system in comparison to the highest Performance Score.

4.2 Price Score

The Offer price is the sum of all costs associated with the procurement of that system for all years. The lowest price of the compliant Offers becomes the standard by which the remainder of the Offers are evaluated. Each Offer is evaluated by taking the lowest Offer price and dividing it by the price of the Offer being evaluated, then multiplying this ratio by 100 in order to get a score out of 100, as follows:

$$\text{Price Score} = 100 \times (\text{Lowest Offer Price}/\text{Current Offer Price})$$

The lowest Offer price will have a Price Score of 100, and the remainder of the Offers will have Price Score that is a fraction of 100 based upon the total price for that Offer in comparison to the lowest overall Offer price.

4.3 Best Value Calculation

The Technical Merit and Price Scores are then combined to obtain a Value Score. The formula to calculate the value score is as follows:

$$\text{Value Score} = (60\% \times \text{Technical Merit Score}) + (40\% \times \text{Price Score})$$

The Offer that receives the highest (Best) Value Score will be recommended for Standing Offer award for a period of six (6) years (initial three (3) years plus three (3) additional one-year option years) for provision of respirators, filters, spare parts and training.

APPENDIX 1 STAGE I – INITIAL EVALUATION

A1.1 Instructions

Offerors will be evaluated in accordance with the criteria detailed in this appendix. Mandatory requirements are identified by the word "must". All mandatory requirements must be met. In the Compliance Matrix (Table 1) of this Appendix, the Offeror must indicate compliance (Yes/No) for each item and provide a reference (e.g., page number, section, etc.) in the offer where information pertaining to compliance can be found. Note that by circling "No" to any one compliance item may result in the offer being deemed non-compliant and given no further consideration.

A1.2 Proposal Documentation

The Offeror must provide the following:

- (a) A completed Compliance Matrix including proof of compliance and certifications as specified in Table 1;
- (b) Documentation provided with the offer as proof of compliance of the Lightweight Protective Respirator with the Mandatory Requirements may include any or all of the following:
 - i. A system brochure that details the components and operating characteristics of the system;
 - ii. The system Operator’s Manual;
 - iii. The system Maintenance Manual;
 - iv. Drawing or schematic which clearly depicts the product’s dimensions and scale; and
 - v. Any additional documentation that provides product information.

A1.3 Initial Evaluation

DND will assemble a Technical Evaluation Team (that may include Contractors), led by the Technical Authority, who will evaluate the proposals in accordance with the mandatory requirements in Table 1. The evaluation will only consider the information provided by the Offeror with the offer in order to confirm compliance with the mandatory requirements. Web links to further amplifying information will be considered if they provide a direct link to the information required, not just a link to the manufacturer’s website. Notwithstanding, failure to provide sufficient detail in the offer submission to evaluate the proposal against the Mandatory Requirements may deem the offer non-compliant. Failure to meet all of the mandatory requirements will also deem the offer non-compliant and it will be given no further consideration.

Table 1: Compliance Matrix

Item #	ANNEX B Ref.	Requirement	Proof of Compliance	Compliant (Circle One)	Offer Reference
1	N/A	<u>Expertise and Proven Design</u>	The Offeror must provide:	Yes / No	

		<p>The Offeror must be an experienced Lightweight Protective Respirator manufacturer and/or distributor that has been in the business of developing, manufacturing and/or selling Lightweight Protective Respirators for a minimum of three (3) years.</p>	<p>(1) Detailed business experience that demonstrates they have been in the business of developing, manufacturing and/or selling Lightweight Protective Respirators for a minimum of three (3) years;</p> <p>AND</p> <p>(2) Evidenced example(s) of Lightweight Protective Respirator projects in which a minimum of one hundred (100) systems were delivered within the last three (3) years of closing date of this RFSO to any of the following:</p> <ul style="list-style-type: none"> A. Allied (FVEY) Military Force (i.e., US, UK, Canadian, Australia and New Zealand); B. North American (US & Canada) Police Force; C. North American industrial use; and/or D. North American Medical use (e.g., hospital, ambulance, etc.). <p>For each example include customer name, contract number(s), award dates, delivery timelines and quantities delivered. Where the identity of the customer organization cannot be released due to non-disclosure agreements in place, the Offeror must provide the name and contact information of an individual in that organization which DND may contact to verify sales. Sales over multiple contracts is acceptable. Where the Offeror is an authorized distributor of Lightweight Protective Respirator systems,</p>		
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			the sales of the manufacturer may be used to demonstrate compliance.		
2	2.2.1(a)	The half-mask respirator must be NIOSH certified respiratory protective device under the provisions of Title 42 of the US <i>Code of Federal Regulations</i> , Part 84 (42 CFR 84).	The Offeror must provide proof that the half-mask respirator is certified by NIOSH certified as specified in Section 2.2.1(a) of Annex B.	Yes / No	
3	2.2.2(a)	The respirator filter must be a NIOSH P100 certified filter.	The Offeror must provide proof that the respirator filter is a NIOSH P100 certified filter as specified in Section 2.2.2(a) of Annex B.	Yes / No	
4	N/A	The Lightweight Protective Respirator being offered must meet the Mandatory Requirements specified in Annex B.	The Offeror must provide technical data, including that specified in Section A1.2(b) of this Appendix, and any other documentation that is required, to confirm that the Lightweight Protective Respirator is compliant with all other mandatory requirements specified in Annex B.	Yes / No	

APPENDIX 2 STAGE II - OPERATIONAL PERFORMANCE ASSESSMENTS

A2.1 General

This Appendix details the Operational Performance Assessments for the Lightweight Protective Respirator.

A2.2 Aim

The aim of the Operational Performance Assessments is to evaluate the efficacy of the Lightweight Protective Respirator in providing respiratory protection to personnel under real-time operational and training conditions.

A2.3 Offeror Participation

The information provided in this Appendix is for information purposes only. The trials will be conducted by DND without any support required from the Offerors that supply the Lightweight Protective Respirators to be evaluated. The Offerors will not be permitted to witness any portion of the tests and evaluations.

A2.4 Participants

The Participants conducting the assessments will be familiar with the use of respirators in the operational and training environments for which they are designed. Up to ten (10) participants will complete all tasks within the specific test for all Lightweight Protective Respirators under evaluation. Should a participant become incapacitated or unavailable to complete the test for all systems, the activity will be deemed incomplete for that participant and none of the results for that participant will be included in the overall assessment of that test. The same ten (10) participants may not complete all tests/trials due to personnel availability.

A2.5 User Rating

Participants will provide task assessments at the completion of each activity for all Lightweight Protective Respirators under evaluation. A group of non-participants will assist the participants in recording the results at each phase of the trial program as well as ensuring that there are no unfair or biased components injected into the trial program. The trial data collected, including the participant evaluations, will be recorded on the Trial Questionnaire forms, which will be completed for each participant as follows:

- (a) Appendix 4 - Fit Sizing Questionnaire;
- (b) Appendix 5 - Performance Activities Assessment Questionnaire;

The participant evaluations will be captured by individual ratings of various criteria using a non-biased approach to collecting user perception. A 6-point scale will be used to provide a clear and understandable quantification of the participants' perceptions in a controlled manner. Some tests, as designated on the individual Trial Questionnaires, are assigned a higher weight. The scale is defined as follows:

Assessment Scale	Description	Score
Completely Unacceptable	The Lightweight Protective Respirator did not meet any requirements for the task and had severe limitations that would prevent the operator from completing the task.	0
Reasonably Unacceptable	The Lightweight Protective Respirator met the minimal requirements for the task and had some limitations that may prevent the operator from completing the task.	1

Barely Unacceptable	The Lightweight Protective Respirator met some of the requirements for the task and performed in a manner that would permit the operator to complete the task with some limitations on range of use.	2
Neutral	The Lightweight Protective Respirator met some of the requirements for the task and performed in a manner that would permit the operator to complete the task with only minor limitations on range of use.	3
Barely Acceptable	The Lightweight Protective Respirator met some of the requirements for the task and performed well in the hands of the operator with only minor limitations.	4
Reasonably Acceptable	The Lightweight Protective Respirator met most of the requirements for the task and performed well in the hands of the operator with minimal limitations.	5
Completely Acceptable	The Lightweight Protective Respirator met or exceeded all requirements for the task and performed in every way expected by the operator.	6

A2.6 Operational Performance Assessments

The Operational Performance Assessments are task-based and will assess the Participant's ability to effectively conduct these tasks utilizing the Lightweight Protective Respirator. For each part of the assessments, participants will wear Canadian Armed Forces (CAF) issued equipment as required for the specific trial, which may include ear and eye protection, helmet, climbing harness, body armour and a weapon.

A2.6.1 Assessment Activities

The assessment activities are based upon the actual training and qualification tasks used in advanced combat training and, as such, only generic descriptions are provided. Depending on the weather conditions, time and resource constraints, not all of the tasks may be performed; however, the same tasks will be performed for each of the competing Offer's Lightweight Protective Respirators in the same weather conditions. The assessment activities include the following:

- (a) Part I – Compliance Verification: The Lightweight Protective Respirators provided by each Offeror will be assessed by DND to verify that the system meets the mandatory requirements in accordance with the Compliance Verification Checklist at Appendix 3. If an Offeror's Lightweight Protective Respirator is found to be non-compliant with any one of the mandatory requirements, the reasons will be recorded and the offer will be deemed non-compliant and given no further consideration; and
- (b) Part II – Operational Performance Assessments: Each of the compliant Lightweight Protective Respirators from Stage I will be subjected to the DND conducted Operational Performance Assessments. The physical trial activities will each be conducted over a period of several days depending on the number of Lightweight Protective Respirators to be assessed (i.e., 1-2 days per compliant offer), and rest periods will be included in the trial program to eliminate the bias of physical exhaustion from the assessment process. The assessments will be conducted as follows:
 - i. Familiarization: Prior to conducting the physical assessment activities, the participants (evaluators) will be provided familiarization training from each Offeror such that, prior to the actual activities, each participant is familiar with each of the Lightweight Protective Respirators provided by all Offerors;
 - ii. Activity 1 - Fit Sizing: Each participant will be fitted to a respirator based upon the manufacturer's instructions, and then rate the fit, adjustability, thermal and physical comfort, and useability of the respirator by completing the Fit Sizing Questionnaire (Appendix 4); and

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- iii. Activity 2 - Performance Activities: Each participant will conduct a series of activities based upon real-life scenarios similar to how the respirators would be used in training and operations (e.g., small arms shooting, close quarter battle drills, and forced/explosive entry). The activities will be completed by each participant using each of the Lightweight Protective Respirators provided by all Offerors such that each participant can provide an assessment of all Lightweight Protective Respirators. At the end of each activity, each participant will complete the Performance Activities Assessment Questionnaire (Appendix 5) in order to rate the performance of the Lightweight Protective Respirators from each Offeror.

APPENDIX 3 COMPLIANCE VERIFICATION

A3.1 General

The Lightweight Protective Respirators provided by each Offeror will be evaluated by DND against select Mandatory Requirements from Annex B as detailed in the Compliance Verification Checklist (Table 2). The assessment will include visual and physical examination of each component of the Lightweight Protective Respirator to confirm compliance. If the Lightweight Protective Respirator is found to be non-compliant with any one of the Mandatory Requirements, the reasons will be recorded and the offer will be deemed non-compliant and given no further consideration.

Table 2: Compliance Verification Checklist

Item	Mandatory Requirement	Method of Verification	Compliant (Y/N)
Operational Performance Requirements			
2.1.1	<u>Components</u> The Lightweight Protective Respirator must be comprised of the following components: (a) Half-Mask Respirator; (b) Filter; and (c) Harness.	Visual examination.	
2.1.4	<u>Color</u> The Lightweight Protective Respirator must be earth tone or black in color with a non-reflective (matte) finish when the material is either dry or wet.	Visual examination.	
Technical Requirements			
2.2.1	<u>Half-Mask Respirator</u> The half-mask respirator must:		
(b)	Weigh no more than 350 grams (0.77 pounds) for the size Medium mask without a filter	Physical verification (weighing).	
(d)	Permit use with and without a helmet;	Physical verification.	
(e)	Permit full and partial removal from the face with a single hand, without removal of the helmet if worn	Physical verification.	
2.2.2	<u>Filter</u> The respirator filter must:		
(b)	Be located at the front of the half-mask respirator such that it does not interfere with the proper sighting of a weapon (e.g., carbine) shouldered on either the left or right side;	Visual examination and physical verification.	
(c)	Permit adjustment and rapid replacement utilizing a single hand while wearing a shooting glove.	Visual examination and physical verification.	
2.2.3	<u>Harness</u> The harness must:		
(a)	Secure the half-mask respirator to the operator’s face when worn on a bare head (no helmet or other interference items other than eye and ear protection);	Visual examination and physical verification.	
(b)	Be adjustable on the head utilizing a single or both hands without removal of the respirator or a helmet if worn (i.e., no external assistance required).	Visual examination and physical verification.	

APPENDIX 4 FIT SIZING QUESTIONNAIRE

Participant Number:	
Date:	
Lightweight Protective Respirator	

User Assessment Scale						
0	1	2	3	4	5	6
☹			☺	☺		
Completely Unacceptable	Reasonably Unacceptable	Barely Unacceptable	Neutral	Barely Acceptable	Reasonably Acceptable	Completely Acceptable

Rate the acceptability of the system in the following areas.	User Assessment						
	☹ 0	1	2	☺ 3	4	5	☺ 6
Mask seal to face	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
How stable was the mask on your face (talking, face movement, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall fit	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to don the mask (without helmet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to doff the mask (without helmet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to don the mask (with helmet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to doff the mask (with helmet)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to adjust the harness without helmet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to adjust the harness with helmet	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Physical comfort (weight, chaffing, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermal comfort (hot, cold, breathability, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Skin compatibility (irritation, itchy, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of breathing with the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Equipment compatibility (mask combined with NVGs, eye and ear protection)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Size of system (bulk/space)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall design (consider all components)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Score							out of 96

Comments:

APPENDIX 5 PERFORMANCE ACTIVITIES ASSESSMENT QUESTIONNAIRE

Participant Number:	
Date:	
Lightweight Protective Respirator	

User Assessment Scale						
0	1	2	3	4	5	6
☹			☺		☺	
Completely Unacceptable	Reasonably Unacceptable	Barely Unacceptable	Neutral	Barely Acceptable	Reasonably Acceptable	Completely Acceptable

Test 2A: Small Arms Shooting							
Rate the acceptability of the system for the following criteria while conducting the small arms shooting:	User Assessment						
	☹			☺			☺
	0	1	2	3	4	5	6
Ease of use of the weapon without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of use of your secondary weapon without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of performing weapon drills (snagging, contact, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to accurately engage target when wearing the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of communication when using the mask in combination with ear protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall acceptability to complete all small arms shooting tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Score	____ out of 36						

Test 2B: Close Quarter Battle Drills							
Rate the acceptability of the system for the following criteria while conducting Close Quarter Battle Drills:	User Assessment						
	☹			☺			☺
	0	1	2	3	4	5	6
Ease of use of the weapon without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of use of your secondary weapon without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of performing weapon drills (snagging, contact, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to accurately engage target when wearing the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of communication when using the mask in combination with ear protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall acceptability to complete all close quarter battle drill tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Score	____ out of 36						

Test 2C: Forced/Explosive Entry							
Rate the acceptability of the system for the following criteria while conducting forced/explosive entry:	User Assessment						
	☹			☺			☺
	0	1	2	3	4	5	6
Ease of use of breaching tools without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of use of handling and setting explosives without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Ease of use of your weapon without interference from the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease of performing forced and explosive entry SOPs (snagging, contact, etc.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ease to accurately engage target when wearing the mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Quality of communication when using the mask in combination with ear protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Overall acceptability to complete all forced/explosive entry tasks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Score	___ out of 42						

Overall							
Rate the acceptability of the system for the following criteria while conducting all drills:	User Assessment						
	☹			☺			☺
	0	1	2	3	4	5	6
Movement of the Lightweight Protective Respirator when worn (did it shift around during tasks and/or was the seal with your face compromised)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Field of view (looking down at chest/phone, peripheral vision, etc.)							
Maintain a weapon to cheek weld							
Fogging issues with protective eyewear	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mask durability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Rate the overall acceptability of this mask	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Score	___ out of 36						

Comments: