

## Annex D

### Ergonomic Duty Belt Down Select Evaluation

All Ergonomic Duty Belts that pass the preceding stages (Annexes B - C) will be further evaluated using the Ergonomic Duty Belt Down Select Evaluation (Annex D). The Down Select Score will be the combination of participant scores from Ergonomic Duty Belt Down Select Questionnaires added to the score received from the Point Rated Evaluation Grid as per the tables below. The Ergonomic Duty Belt Down Select Evaluation will be used to determine which four (4) belts with the highest Down Select Score will advance to the Ergonomic Duty Belt User Trial (Annex E). Ergonomic Duty Belts will be trialled with all components provided with the submission. In the event that there are four or less technically compliant offers, the Ergonomic Duty Belt Down Select Evaluation will not be completed and all compliant offers will advance to the Ergonomic Duty Belt User Trial.

During the Ergonomic Duty Belt Down Select Evaluation, participants will be instructed to perform a series of evaluative actions (identified below) while wearing each of the technically compliant Ergonomic Duty Belts, followed by the completion of the Ergonomic Duty Belt Down Select Questionnaire after wearing each belt.

The Ergonomic Duty Belt Down Select Evaluation will be conducted by 10 RCMP members (the participants), based on availability, on all technically compliant offer packages. Participants will wear standard duty belt pouches and intervention equipment (handcuffs, pistol, baton, magazine, defensive spray, radio, flashlight, CEW, multi-tool).

#### Evaluative Actions

The following evaluative actions will be guided by a facilitator and will be performed by the participants in a group setting for efficiency. The evaluative actions have been selected to simulate operational use. Participants will have a rest break between each belt trial. Prior to trialling each belt, participants will be instructed to place pouches and equipment on the belt. Upon completion of the actions, participants will be instructed to remove the pouches and equipment from the belt.

Evaluation Action	Description	Duration
Walking	Participants will be instructed to walk at a comfortable pace, individually determined by the participant.	10 minutes
Stairs	Participants will be instructed to climb and descend a flight of 5 stairs.	3 repetitions
Seated	Participants will be instructed to sit for a total of 10 minutes. At predetermined intervals while seated, participants will be instructed to perform repetitions of the following actions: reaching forward, reaching to either side, and reaching behind the seat.	10 minutes, 3 repetitions
Standing	Participants will be instructed to remain stationary in their typical patrol stance.	10 minutes
Access equipment	Participants will be instructed to draw and holster their equipment.	3 repetitions
Object retrieval	Participants will be instructed to drop a standardized light object in front of them and pick up the item.	3 repetitions
Jog/run	Participants will be instructed to jog/run for 50m, followed by a break fall.	2 repetitions

Participants will complete the Ergonomic Duty Belt Down Select Questionnaire immediately after

completing all of the evaluation actions. The questionnaire will be completed for each Ergonomic Duty Belt with a maximum score of 840 points (10 participants x 84 points per belt evaluation).

The order of the Ergonomic Duty Belts will be randomly assigned for each participant. Each participant will trial an Ergonomic Duty Belt from each of the Offerors. Participants will trial belts in their size as determined by the sizing information provided by the manufacturer with their offer. Sample sizes will be requested based on the selected participants. If one or more of the supplied sample belts do not fit in accordance with the sizing information provided by the manufacturer, and the participant is unable to successfully don the belt due to this, then the belt that does not fit will receive a score of zero. All remaining belts in the offer will be evaluated.

If the Ergonomic Duty Belt fails due to a manufacturing defect during the evaluation, then it will be removed from the evaluation, deemed non responsive, and awarded zero points. If two or more belts from an offer receive a score of zero due to manufacturing defects, the offer will be deemed non-responsive and given no further consideration.

## Ergonomic Duty Belt Down Select Questionnaire

After each Ergonomic Duty Belt is evaluated, participants will be asked to complete the Ergonomic Duty Belt Down Select Questionnaire found below. A rating of 1 is very dissatisfied, 4 is neutral, and 7 is very satisfied.

Participant ID:							
Offer ID:							
Question	Very Dissatisfied	Dissatisfied	Somewhat Dissatisfied	Neutral	Somewhat Satisfied	Satisfied	Very Satisfied
The belt fits as expected based on manufacturer sizing information							
Functionality of belt's size adjustment mechanism							
General comfort of belt							
Comfort while sitting							
Comfort while standing							
Comfort during low impact upright motion (walking)							
Comfort during high impact upright motion (jogging/running)							
Comfort ascending and descending stairs							
Security of the belt during motion							
Security of pouches and equipment during motion							
The belts ability to withstand twisting and sagging when pouches and equipment are added							
General appearance of belt							
<b>Total</b>							<b>/84</b>

### Point Rated Evaluation Grid

Section	Details	Evaluation Method and Rating		Points Achieved
RFSO Clause 5.1.3.3			Points	
		Manufactured internationally	0	
		Manufactured in Canada	15	
Purchase Description, Duty Belt, Ergonomic (Annex B) Para. 5.4.1.2	<p><b>Outer Belt</b></p> <p>Belts with replaceable buckles are preferred</p> <p>Instructions for replacement of buckle must be provided.</p>		Points	
		Non replaceable	0	
		Replaceable	15	
			<b>Total Score</b>	/30

Down Select Score (max 870 points) = Total Down Select Questionnaire Score (max 840 points) + Point-Rated Score (max 30 points)