

Contract title: EQUIPMENTS AND GOODS PURCHASE

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Contracting authority: "Drobeta" Inspectorate for Emergency Situations within Mehedinti county

Location - No.2, Portului street, Dr. Tr. Severin, Mehedinti county, Romania

CLARIFICATIONS No.1

The following alterations and/or corrections are made:

Clarification request 1:

Item no. 1, point no. 5 "Search victims kit - 1 set" (page 11 - 14)

Part of the "1. SPECIFIC VEHICLES FOR CALAMITIES AND DISASTERS INTERVENTIONS" section. You are mentioning a search and rescue, motion detection equipment based on ultra-wide band radar technology. However, one requirement asks for "Ultra-wide band sensor - 3 pcs". We believe this is a redacting error or perhaps you are confusing radar sensors with acoustic search sensors - which indeed are normally used in groups of three units.

Using three radar sensors to simultaneously transmit and receive in the same area will create a lot of echoes and false positive readings, and ultimately make the detection impossible. At the same time, each radar sensor can only be paired to one "single screen control console", and your requirement would mean you also need more control consoles. Lastly, all UWB radar USAR products available on the market use a single ultra-wide band sensor per set, and sensors (as components) are not sold separately.

Please specify if this was written in error, and if you will accept a "search victims kit" that includes a single piece of "ultra-wide band sensor" instead of 3 pcs.

Clarification answer 1:

Please consider that it was a material error.

The request regarding the existence of 3 sensors represents a material error to the technical specifications for **the search victims kit**, the Contracting Authority does not impose a certain number of sensors, but the motion detector must use Ultra –Wideband (UWB) technology.

Clarification request 2:

Item no. 1, point no. 89 "Smoke generator (+liquid smoke) - 2 pieces" (page 38)

Part of the "1. SPECIFIC VEHICLES FOR CALAMITIES AND DISASTERS INTERVENTIONS" section.

The smoke generator specifications refer to a type of product that was discontinued by the manufacturers and can no longer be found on the market.

The product was recently replaced with better and newer versions that now offer a more powerful heater, a much better smoke flow rate per minute (the room will be filled with smoke faster), a higher smoke fluid capacity (you will need to re-fill less often) and a lower total weight.

However, the start time will take slightly longer because of the larger heater and better flow, and the consumption per minute will obviously be increased due to the quicker smoke filling capabilities. On the other hand, a smaller amount of fluid will be used to fill the same volume, and it will be done quicker. The dimensions will slightly increase to house the larger fluid container. We do not think these differences will make the product less usable, and the benefits are obvious.

To conclude, there is no product currently available on the market to satisfy your requirements, but a much better product can be delivered. Please confirm that you will also accept products with the following specifications:

- Heater: max 2100W
- Smoke flow rate: max 1400 m³/min
- Start up time: max 10 min
- Smoke liquid consumption: max 180 ml/min
- Dimensions: max 610 x 400 x 310 mm

Clarification answer 2:

Item no. 1, point no. 89 "Smoke generator (+liquid smoke) - 2 pieces" (page 38)

<u>Former text</u>	<u>Shall read as new text:</u>
89. SMOKE GENERATOR (+ liquid smoke) – 2 pieces Smoke generator - max 1500 W, Hi-Mass technology -defined smoke, about 1000 m /min - direct thermal protection device (DTPD system) - control remote: cable min 5 m - start time: 6-8 min - smoke liquid consumption: max 150 ml / min - power supply: 230 V, 50 Hz -dimensions: maximum 685 x 345 x 225 m - Mass: maximum 20 kg Liquid smoke – 40 liters - Environmentally friendly, it does not harm the environment - non-toxic smoke -ideal both in small spaces (100 sq m) and in large spaces (2000 sq m)	89. SMOKE GENERATOR (+ liquid smoke) – 2 pieces Smoke generator - min 1500 W, Hi-Mass technology -defined smoke, min 1000 m ³ /min - direct thermal protection device (DTPD system) - control remote: cable min 5 m - start time: 6-8 min - smoke liquid consumption: max 150 ml / min - power supply: 230 V, 50 Hz -dimensions: maximum 685 x 345 x 225 m - Mass: maximum 20 kg Liquid smoke – 40 liters - Environmentally friendly, it does not harm the environment - non-toxic smoke -ideal both in small spaces (100 sq m) and in large spaces (2000 sq m)

Clarification request 3:

Item no. 1, point no. 11.2 "Discharge pipes with tap type D - 6 pcs" (page 78)

Part of the "11. DISCHARGE PIPES WITH TAP" section

You are requesting that the front ring bumper of the high-pressure nozzle will be able to turn and generate four types of jet shapes. According to all producers, this is a feature that is only available on the larger sized, low-pressure nozzles (type C).

The selection ring of high-pressure type D nozzles is smaller in size than the ring of low-pressure type C nozzles. Thus, there is not enough space on the ring to include two "conical" jet shapes and

position them at a sufficient distance from each other, and instead only three jet shapes will be available: compact, conical-attack and wide-protection.

Please confirm that you will accept selection rings with 3 jet shapes for the type D nozzles, otherwise there is no product available on the market to fulfil this specification.

Clarification answer 3:

Item no. 1, point no. 11.2 "Discharge pipes with tap type D - 6 pcs" (page 78)

<u>Former text</u>	<u>Shall read as new text:</u>
<p>11.2. DISCHARGE PIPES WITH TAP TYPE D - 6 pcs</p> <p>Lightweight nozzle designed for use up to 40 bar. Corp made of composite material (fiberglass reinforced polymers) for increased corrosion resistance and thermal and electrical insulation.</p> <p>Outside discharge selection ring made of high temperature resistant polyurethane and aggressive chemicals with 4 jet shapes: compact, conical narrow, conic wide and dispersed as a protective curtain</p> <p>Interval de debit: 0 la 250 l / min la 6 bari Type D connection coupled to the hose. Warranty: min.4 years.</p>	<p>11.2. DISCHARGE PIPES WITH TAP TYPE D - 6 pcs</p> <p>Lightweight nozzle designed for use up to 40 bar. Corp made of composite material (fiberglass reinforced polymers) for increased corrosion resistance and thermal and electrical insulation.</p> <p>Outside discharge selection ring made of high temperature resistant polyurethane and aggressive chemicals with 3 jet shapes for the type D nozzles: compact, conical-attack and wide-protection</p> <p>Interval de debit: 0 la 250 l / min la 6 bari Type D connection coupled to the hose. Warranty: min.4 years.</p>