

# **CORRIGENDUM No.1**

## **TECHNICAL SPECIFICATIONS**

**Contract title: Public procurement for emergency medical vehicle and medical equipment**

**Publication Ref: HR-RS00084 -07**

**1.1) Reason for change**

Modification of original information submitted by the contracting authority.

**1.2) Text to be corrected in the original technical specification**

**The following alterations and/or corrections are made:**

**(1) ANNEX II + III : TECHNICAL SPECIFICATIONS + TECHNICAL OFFER,**

**HR-RS00084 -07 L01,**

**LOT no. 1 - Ambulance vehicles with installed and attached medical equipment**

**The Specifications Required, are as follows:**

**1. Item no:      1. 2. Point:**

**The former text :**

**Transport aspirator (1pcs)**

- Color screen at least 4.3"
- Weight maximum 2.5kg
- Dimensions approximately 206x137x130mm +-5%
- Internal battery capacity minimum 7.5 hours
- Operating modes: Volumetric (volume controlled), pressure controlled and spontaneous breathing controlled
- Spontaneous ventilation mode: CPAP+ASB, with pressure support ASB available for non-invasive ventilation (NIV)
- Inspiratory O2 concentration can be varied between 21% and 100% via O2 supply Gas types can be set for oxygen concentrator (O2 93%) and for medical oxygen
- The mechanical ventilator is driven by a turbine
- Replaceable hygienic inlet filter protects the device from viral and bacterial contamination
- The device is equipped with a Bluetooth interface
- The device has an SD card slot The device has protection against dust and water according to the standard at least IP54

- The device meets at least the following standards: EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-1-12, EN 62366-1, EN 1789, EN 13718-1, EN 794-3, ISO 10651-3, ISO 10993-1, RTCA DO-160 G, MIL-STD 810 G
- The device operating temperature is at least -20 °C to +50 °C
- Ambient pressure compensation Maximum inspiratory flow rate minimum 150l/min
- Start ventilation by entering patient height from minimum 50 – 250cm
- Volume controlled operating modes: IPPV, SIMV, manual mode
- Pressure controlled operating modes: PCV, aPCV, BiLevel + ASB, PRVC + ASB
- Spontaneous breathing controlled operating modes: CPAP, CPAP+ASB
- Emergency modes: Ventilation for neonate, child and adult Inspiratory oxygen concentration from 21% to 100%
- Respiratory frequency from 0 to 40
- PEEP from 0 to 20 mbar
- Inspiratory trigger 1-15l/min Expiratory trigger 5-80% of maximum flow
- Can be carried by handle or shoulder strap Portable system can be wall-mounted with certification for fixation on 10G
- The portable system is housed in a protective PVC-coated bag with reflective strips.
- The device is supplied with a factory docking station for wall fixation in the restroom.

### **Shall read as new text**

#### **Transport respirator (1 pcs)**

- Color screen at least 4.3”
- Weight maximum 2.5kg
- Dimensions approximately 206x137x130mm +-5%
- Internal battery capacity minimum 7.5 hours
- Operating modes: Volumetric (volume controlled), pressure controlled and spontaneous breathing controlled
- Spontaneous ventilation mode: CPAP+ASB, with pressure support ASB available for non-invasive ventilation (NIV)
- Inspiratory O2 concentration can be varied between 21% and 100% via O2 supply Gas types can be set for oxygen concentrator (O2 93%) and for medical oxygen
- The mechanical ventilator is driven by a turbine
- Replaceable hygienic inlet filter protects the device from viral and bacterial contamination
- The device is equipped with a Bluetooth interface
- The device has an SD card slot The device has protection against dust and water according to the standard at least IP54
- The device meets at least the following standards: EN 60601-1, EN 60601-1-2, EN 60601-1-6, EN 60601-1-8, EN 60601-1-12, EN 62366-1, EN 1789, EN 13718-1, EN 794-3, ISO 10651-3, ISO 10993-1, RTCA DO-160 G, MIL-STD 810 G
- The device operating temperature is at least -20 °C to +50 °C
- Ambient pressure compensation Maximum inspiratory flow rate minimum 150l/min
- Start ventilation by entering patient height from minimum 50 – 250cm
- Volume controlled operating modes: IPPV, SIMV, manual mode
- Pressure controlled operating modes: PCV, aPCV, BiLevel + ASB, PRVC + ASB

- Spontaneous breathing controlled operating modes: CPAP, CPAP+ASB
- Emergency modes: Ventilation for neonate, child and adult Inspiratory oxygen concentration from 21% to 100%
- Respiratory frequency from 0 to 40
- PEEP from 0 to 20 mbar
- Inspiratory trigger 1-15l/min Expiratory trigger 5-80% of maximum flow
- Can be carried by handle or shoulder strap Portable system can be wall-mounted with certification for fixation on 10G
- The portable system is housed in a protective PVC-coated bag with reflective strips.
- The device is supplied with a factory docking station for wall fixation in the restroom.

**2 Item no: 1. 4. Point:**

**The former text:**

**Transport respirator (1pcs)**

- Electrically powered suction device for field and transport use, using high vacuum, with high flow.
- Designed for use in emergency vehicles according to IEC 60601-1-12 and according to ISO10079-1
- Size up to 350 mm x 350 mm x 200 mm
- Weight up to 4 kg (with battery)
- Reusable canister capacity 1000 ml Vacuum indicator accuracy  $\pm 5\%$  of full scale
- Suction patient hose (non-sterile) with an internal diameter of min 8 mm and a length of min 1.5 m
- Operating temperature from 0-40 degrees Celsius
- Operation/charging on AC 100-240 VAC, 50-60 Hz Operation/charging on DC 12-28 VDC
- Battery 12VDC 2 Ah, NiMH, Rechargeable
- Battery charging time 4 hours to full charge
- At 500 and more mmHg flow greater than 25 l/min Maximum vacuum:  $>500$  mmHg (66.5 kPa)
- Vacuum range: 80-500+ mmHg (11-66.5 kPa) Vacuum indicator accuracy:  $\pm 5\%$  of full scale
- Approximate battery operating time (free airflow) at various vacuum settings ( $\pm 10\%$ ): at maximum load. minimum 40 minutes
- Approximate noise level (free airflow) at various vacuum settings: maximum up to 58 dBA
- Display as vacuum strength indicator
- Filter efficiency is 99.97% down to 0.3 $\mu$ m particle size
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**Shall read as new text**

**Transport aspirator (1 pcs.):**

- Electrically powered suction device for field and transport use, using high vacuum, with high flow.
- Designed for use in emergency vehicles according to IEC 60601-1-12 and according to ISO10079-1
- Size up to 350 mm x 350 mm x 200 mm
- Weight up to 4 kg (with battery)
- Reusable canister capacity 1000 ml Vacuum indicator accuracy  $\pm 5\%$  of full scale
- Suction patient hose (non-sterile) with an internal diameter of min 8 mm and a length of min 1.5 m
- Operating temperature from 0-40 degrees Celsius

- Operation/charging on AC 100-240 VAC, 50-60 Hz Operation/charging on DC 12-28 VDC
- Battery 12VDC 2 Ah, NiMH, Rechargeable
- Battery charging time 4 hours to full charge
- At 500 and more mmHg flow greater than 25 l/min Maximum vacuum: >500 mmHg (66.5 kPa)
- Vacuum range: 80-500+ mmHg (11-66.5 kPa) Vacuum indicator accuracy:  $\pm 5\%$  of full scale
- Approximate battery operating time (free airflow) at various vacuum settings ( $\pm 10\%$ ): at maximum load. minimum 40 minutes
- Approximate noise level (free airflow) at various vacuum settings: maximum up to 58 dBA
- Display as vacuum strength indicator
- Filter efficiency is 99.97% down to 0.3 $\mu$ m particle size
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**3 Item no:      1. 9. Point added:**

**New Specified Requirement added:**

**Mobile laboratory (1pcs)**

Quick and easy determination of cardiac biomarkers as: Troponin T, NT-proBNP, D-dimer, CK-MB, Myoglobin

**All other terms and conditions of the CONTRACT NOTICE, remain unchanged.**