

## Annex 1

### Technical Specifications of required equipment for Rybnitsa Maternity Unit and Intensive Therapy Care Unit

| Item                           |                              | Quantity   |
|--------------------------------|------------------------------|--|
| <b>ITEM 1. C.P.A.P. SYSTEM</b> |                              | <b>1</b>   |
| <b>1.1.</b>                    | <b>Standard requirements</b> | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>1.2.</b>                    | <b>Basic Structure</b>       | Heated respiratory humidifier<br>Humidifier pole with mobile stand and pole mount bracket  |
| <b>1.3.</b>                    | <b>Characteristics</b>       | <p style="text-align: center;"><b>Heated respiratory humidifier</b></p> Microprocessor controlled<br>Dual servo control<br>Continuous display of saturated gas temperature<br>Temperature probe<br>Water-out alarm<br>Heated wire adaptor for single patient heated breathing circuits for newborns<br><p style="text-align: center;"><b>Single use delivery system</b></p> Input flow range: 5- 15 liters / minute<br>Humidification chamber compressible volume: min. 250 ml<br>Pressure manifold with different ports: <ul style="list-style-type: none"> <li>– oxygen analyzer</li> <li>– port pressure</li> <li>– port inlet and outlet connectors</li> </ul> CPAP generator mean pressure: 5-10 cm H <sub>2</sub> O<br>CPAP generator water container volume: 300ml-500 ml<br><p style="text-align: center;"><b>Single patient interface</b></p> Nasal tubing with collapsible extension<br>Nasal tubing flow resistance: 0,50 cm H <sub>2</sub> O at 6 l/min - 0,55 cm H <sub>2</sub> O at 6 l/min<br>Latex free nasal prongs with multiple sizes for perfect fit to different sizes of babies<br>Comfortable fit single use nasal prongs<br>Multiple sizes top opened bonnets for perfect fit to different sizes of babies |
| <b>1.4.</b>                    | <b>Consumables</b>           | <p style="text-align: center;"><b>Nasal CPAP kit</b></p> a. Single use delivery system composed from: <ul style="list-style-type: none"> <li>– single use patient humidifier chamber</li> <li>– single use patient single heated breathing circuits for newborns</li> <li>– single use patient pressure manifold</li> <li>– single use patient CPAP generator with pressure setting</li> </ul>   |

| Item                           |  | Quantity  |
|--------------------------------|--|---|
| <b>ITEM 1. C.P.A.P. SYSTEM</b> |  | <b>1</b>  |
|                                |  | b. Single use patient interface composed from <ul style="list-style-type: none"> <li>– nasal Tubing</li> <li>– nasal prongs</li> <li>– fixation bonnets</li> </ul>  |
|                                |  | <b>Starter kit</b>  |
|                                |  | 25 pcs. complete single use nasal CPAP kits, each kit consisting of: <ul style="list-style-type: none"> <li>– delivery system 1 pc.</li> <li>– nasal tubing 1 pc.</li> <li>– 4 different sizes of bonnets – 2 pc. each</li> <li>– 8 different sizes of nasal prongs – 3 pc. each</li> </ul> |
| <b>1.5.</b>                    | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation<br>Maximum response time at beneficiary site: 72 hours  |
| <b>1.6.</b>                    | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation<br>User manual in English or translated into Russian language              |

| Item  |  | Quantity   |
|---|--|--|
| <b>ITEM 2. COMPRESSOR FOR VENTILATOR/CPAP</b> |  | <b>1</b>   |
| <b>2.1.</b>                                   | <b>Standard requirements</b>           | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>2.2.</b>                                   | <b>Characteristics</b>                 | Compatible with the ventilator or CPAP system specifications<br>Stand-alone medical air compressor<br>Snap fit with the ventilator and CPAP system module to provide medical air<br>Air quality should comply with European Pharmacopoeia compressed air purity class<br>Replacement of internal filters should be performed without removing the compressor<br>Provide at least 5 sets of air filters<br>Power Supply: 220 VAC, 50 Hz |
| <b>2.3.</b>                                   | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation<br>Maximum response time at beneficiary site: 48 hours   |
| <b>2.4.</b>                                   | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation<br>User manual in English or translated into Russian language   |

| Item                                  |  | Quantity |
|---------------------------------------|--|----------|
| <b>ITEM 3. INTENSIVE CARE MONITOR</b> |  | <b>2</b> |

| Item                                  |                              | Quantity   |
|---------------------------------------|------------------------------|--|
| <b>ITEM 3. INTENSIVE CARE MONITOR</b> |                              | <b>2</b>   |
| <b>3.1.</b>                           | <b>Standard requirements</b> | CE Mark  |
|                                       |                              | ISO 9001: 2000 certified companies   |
|                                       |                              | Color Screen – LCD monitor   |
|                                       |                              | Minimum screen resolution: 800 x 600 pixels  |
|                                       |                              | Screen dimensions: Color screen with at least 300 mm diagonal  |
|                                       |                              | Speed of recording: 6.25, 12.5 or 25 mm/second   |
|                                       |                              | Visible in the same time on the screen: <ul style="list-style-type: none"> <li>– One lead ECG wave form and heart rate value, respiration wave form and respiratory rate;</li> <li>– SpO<sub>2</sub> waveform and value;</li> <li>– non-invasive blood pressure values (Systolic, diastolic and mean) and temperature value</li> </ul> |
|                                       |                              | Central Control panel will display all instructions in English or Russian language   |
|                                       |                              | Measures: <ul style="list-style-type: none"> <li>– heart rate – beats per minute;</li> <li>– respirations – breaths per minute;</li> <li>– SpO<sub>2</sub> – percent;</li> <li>– blood pressure – mmHg;</li> <li>– temperature - °C</li> </ul>   |
|                                       |                              | Low weight: approximately 6 kg   |
|                                       |                              | Built-in handle for transportation   |
|                                       |                              | Structure  |
|                                       |                              | Monitor  |
|                                       |                              | Battery  |
|                                       |                              | Patient cables in various lengths e.g. 3 & 8 feet or similar range   |
|                                       |                              | Cable for ECG + electrodes   |
|                                       |                              | Cable for blood pressure + cuffs   |
|                                       |                              | Cable for temperature + sensor   |
|                                       |                              | Cable for pulse-oximeter + sensors   |
|                                       |                              | Control buttons  |
|                                       |                              | On/off   |
|                                       |                              | Alarms – standard  |
|                                       |                              | Stand-by   |
|                                       |                              | Alarms   |
|                                       |                              | System failure   |
|                                       |                              | Battery low  |
|                                       |                              | Apnea  |
|                                       |                              | Bradycardia  |
|                                       |                              | Tachycardia  |
|                                       |                              | Low respiratory rate   |
|                                       |                              | High respiratory rate  |
|                                       |                              | Saturation low   |
|                                       |                              | Saturation high  |
|                                       |                              | Blood pressure low (systolic, diastolic, mean)   |
|                                       |                              | Blood pressure high (systolic, diastolic, mean)  |
|                                       |                              | Temperature low  |
|                                       |                              | Temperature high   |
| <b>3.2.</b>                           | <b>Characteristics</b>       |  |

| Item                                  |  | Quantity  |
|---------------------------------------|--|---|
| <b>ITEM 3. INTENSIVE CARE MONITOR</b> |  | <b>2</b>  |
|                                       | <p>All alarms mentioned above are adjustable by the clinician at the bedside</p> <p>All alarms are audio and visual alarms</p> <p>The alarm tones can be regulated (high to low tonality to alarm off at least)</p> <p>Heart rate and EGK</p> <p>One derivation visible all the time on the screen</p> <p>There could be two channels visible optional</p> <p>Limits: low limit at least 20 beats per minute, high limit at least 300 beats per minute</p> <p>Derivations: I, II, III, aVL, aVR, aVF. Optional: V1, V2, V3, V4, V5, V6</p> <p>Possibility to adjust the amplitude of the signal</p> <p>Possibility to choose the lead to be displayed</p> <p>Cable with 3 wires: I, II, III, aVL, aVR, aVF</p> <p>Cable with 10 wires: I, II, III, aVL, aVR, aVF. Optional: V1, V2, V3, V4, V5, V6</p> <p style="text-align: center;"><b>Respiratory rate</b></p> <p>Limits: low limit at least 0 breaths per minute, high limit at least 150 breaths per minute</p> <p>Oxygen saturation of hemoglobin</p> <p>O<sub>2</sub> saturation low limit at least 30%, high limit at least 100 %</p> <p>O<sub>2</sub> saturation low limit at least 30%, high limit at least 100 %</p> <p>Pulse rate: low limit at least 30 bpm (beats per minute) to high limit at least 250 bpm</p> <p>Adjustable averaging time</p> <p>Signal quality meter on screen</p> <p style="text-align: center;"><b>Blood pressure</b></p> <p>Oscilometry measurement</p> <p>Measures and displays systolic and diastolic blood pressures</p> <p>Automatically adjustable intervals of approximately 1 min – 8hours</p> <p>Discriminates between pressure signals and patient movement</p> <p>Display current and previous pressure values (systolic, diastolic)</p> <p>Automatically zeroes prior to each reading</p> <p>Blood pressure cable and cuffs for all age (mentioned above)</p> <p style="text-align: center;"><b>Temperature</b></p> <p>Measurement: low limit at least 28°C, high limit at least 42°C</p> <p>Cable for temperature monitoring to be connected with probe and temperature probe or probe incorporated in the cable assembly</p> <p>Mandatory rectal and skin probe</p> |   |
| <b>3.3.</b>                           | <b>Accessories</b>   | <p>Extra battery – 1 piece</p> <p>ECG cables with 3 leads – 2 pieces</p> <p>Cuff set reusable, all dimensions newborn/pediatric and adult– 1set</p> <p>SpO<sub>2</sub> (multisensor) sensor pediatric/adult with cable with approximately 5 feet – 2 pcs</p> <p>SpO<sub>2</sub> sensor newborn with cable with approximately 8 feet (consumables for 500 tests)</p> |

| Item                                  |  | Quantity   |
|---------------------------------------|--|--|
| <b>ITEM 3. INTENSIVE CARE MONITOR</b> |  | <b>2</b>   |
|                                       |  | ECG electrodes newborn/infant – 200 pcs  |
|                                       |  | ECG electrodes/pediatric/ adult – 500 pcs  |
|                                       |  | Blood pressure cable 3 ft – 2 pcs  |
|                                       |  | Temperature cable 3ft – 2 pcs  |
|                                       |  | Temperature probe covers – 500 pcs   |
|                                       |  | Blood pressure cuffs Sizes: 1,2, 3, 4, 5 - 6 pcs each  |
|                                       |  | Power requirements: 220 VAC, 50 Hz   |
|                                       |  | Autonomy with battery at least 2 hours   |
|                                       |  | Automatically display of battery status fuel gage while operating on battery power                 |
|                                       |  | Automatic internal recharge when the monitor is plugged into an AC power supply                    |
|                                       |  | Low battery audio and visual alarm   |
|                                       |  | Capable of recording all numeric and waveform information displayed on the screen for min 24 hours |
| <b>3.4.</b>                           | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation  |
|                                       |  | Maximum response time at beneficiary site: 72 hours  |
| <b>3.5.</b>                           | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language      |
|                                       |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language    |
|                                       |  | Installation and commissioning   |
|                                       |  | User manual in English or translated into Russian language   |

| Item                           |                              | Quantity   |
|--------------------------------|------------------------------|--|
| <b>ITEM 4. BASIC INCUBATOR</b> |                              | <b>1</b>   |
| <b>4.1.</b>                    | <b>Standard requirements</b> | CE Mark  |
|                                |                              | ISO 9001: 2000 certified companies   |
| <b>4.2.</b>                    | <b>Basic Structure</b>       | Incubator hood   |
|                                |                              | Temperature controller   |
|                                |                              | Standard humidity module   |
|                                |                              | Mobile stand   |
|                                |                              | a) Incubator hood and mattress:  |
|                                |                              | Double wall and other parts of incubator easily removable for cleaning               |
|                                |                              | At least two opposite doors for quick access   |
|                                |                              | Small range temperature drop with door down  |
|                                |                              | Front door access  |
|                                |                              | One iris port on each lateral side, two irises on front and back or doors for access |
|                                |                              | Hood can be raised separately from front door  |
|                                |                              | Mattress with minimum surface of 2,000 cm <sup>2</sup>                               |
|                                |                              | Tilting of the mattress  |
|                                |                              | Tubing access – minimum 4  |
|                                |                              | b) Temperature controller:   |
|                                |                              | Microprocessor controlled  |

| Item   |  | Quantity  |
|--|--|---|
| <b>ITEM 4. BASIC INCUBATOR</b>                   |  | <b>1</b>  |
| <b>4.3.</b>                                      | <b>Characteristics</b>                 | Automatic test on start-up  |
|  |  | Heat up time to 39°C to be 30 minute or less                                      |
|  |  | Removable control unit for easy service   |
|  |  | Air flow pattern directed from front to rear of incubator across entire width     |
|  |  | Centralized display for patient, air temperatures control with alarms             |
|  |  | display for function settings, parameters and trending, easy to operate and clean |
|  |  | Accurate air temperature control using two air probes                             |
|  |  | Air temperature range between: 20 and 39°C  |
|  |  | Baby temperature control using reusable skin probe                                |
|  |  | Baby skin temperature range between: 35 and 37°C                                  |
|  |  | Keypad lock function for protection   |
|  |  | Override function at air temperature over 38°C                                    |
|  |  | <b>c) Standard humidity module:</b>   |
|  |  | Internal reservoir included   |
|  |  | Front mounted for easy accessibility  |
|  |  | All humidifier parts can be completely removed for filling and cleaning           |
|  |  | Humidity range up to 70% RH   |
|  |  | <b>d) Mobile stand:</b>   |
|  |  | Stand on four anti-static wheels, from which two locking                          |
|  |  | Height variable 90-110cm or more  |
|  |  | Two front drawers   |
|  |  | <b>e) Alarms:</b>   |
|  |  | audio alarms  |
|  |  | Baby set temperature: + / - 1 ° C   |
|  |  | High/Low air temperature: +3 / -1 ° C or better                                   |
|  |  | Baby skin temperature probe fail  |
|  |  | Air temperature probe fail  |
|  |  | Power fail  |
|  |  | Air flow fail   |
|  |  | System fail   |
|  |  | <b>f) Accessories included:</b>   |
|  |  | Front drawers – 2 pieces  |
|  |  | Mattress – 1piece   |
| Rails for accessories – 2 pieces                 |  |   |
| Patient skin probe reusable –2 pcs               |  |   |
| <b>g) Physical properties:</b>                   |  |   |
| Power requirements: 220/240 V, 50-60 Hz          |  |   |
| Ambient operating temperature: minimum 20- 30° C |  |   |
| Ambient humidity: 0 – 90 %RH                     |  |   |
| <b>4.4.</b>                                      | <b>Accessories</b>                     | Front storage drawers   |
|  |  | Mattress  |
|  |  | Rails for accessories   |
|  |  | Patient skin probe  |
| <b>4.5.</b>                                      | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|  |  | Maximum response time at beneficiary site: 72 hours                               |

| Item                           |                            | Quantity  |
|--------------------------------|----------------------------|---|
| <b>ITEM 4. BASIC INCUBATOR</b> |                            | <b>1</b>  |
| 4.6.                           | <i>Incidental Services</i> | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                                |                            | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                                |                            | Installation and commissioning  |
|                                |                            | User manual in English or translated into Russian language                                      |

| Item   |                              | Quantity  |
|--|------------------------------|---|
| <b>ITEM 5. TABLE FOR NEWBORN RESUSCITATION</b> |                              | <b>1</b>  |
| 5.1.   | <i>Standard requirements</i> | CE Mark   |
|  |                              | ISO 9001: 2000 certified companies  |
| 5.2.   | <i>Basic Structure</i>       | Height adjustable table   |
|  |                              | Resuscitation Radiant Warmer consisting of:   |
|  |                              | Heat source   |
|  |                              | Bassinet and mattress   |
|  |                              | Mounting column with fixed height   |
|  |                              | System for resuscitation  |
|  |                              | Storage compartments  |
| 5.3.   | <i>Accessories</i>           | Front drawers for storage   |
|  |                              | X-Ray tray  |
|  |                              | Rails for accessories   |
|  |                              | Patient skin probe  |
|  |                              | a) Heat source controller and functions:  |
|  |                              | Mean irradiance at mattress level: minimum 10 mW/cm <sup>2</sup>  |
|  |                              | The central Control panel will display all instructions in English or Romanian language   |
|  |                              | Control panel located centrally at eye level  |
|  |                              | Microprocessor controller with control modes: <ul style="list-style-type: none"> <li>- Manual mode in minimum 5% increments from 0 to 100%</li> <li>- Automatic (pre-warm) mode</li> <li>- Servo (baby) mode</li> </ul> |
|  |                              | Servo control temperature range between approximate: 35 – 37 °C   |
|  |                              | Display temperature range between 30 and 42 °C  |
|  |                              | Examination lamp of minimum 50 W and minimum 1,000 Lux  |
|  |                              | Apgar timer integrated  |
|  |                              | The heat source head with possibility of moving left or right - 90°   |
|  |                              | Patient skin probe, reusable – 2 pieces   |
|  |                              | b) Bassinet and mattress:   |
|  |                              | Mattress area minimum: 3,000 cm <sup>2</sup>  |
|  |                              | Hydraulic tilt mechanism for the bassinet at least: +/- 10° minimum   |
|  |                              | Mattress thickness: <ul style="list-style-type: none"> <li>- minimum 2 cm</li> <li>- Ray cassette tray to fit under mattress-1 piece</li> </ul>   |
|  |                              | Four foldable bassinet walls  |

| Item   |  | Quantity  |
|--|--|---|
| <b>ITEM 5. TABLE FOR NEWBORN RESUSCITATION</b> |  | <b>1</b>  |
|  |  | Ventilator tube supports  |
|  |  | c) Mounting column:   |
|  |  | Fixed height column on mobile castors   |
|  |  | Built in rails for accessories – 2 pieces   |
|  |  | Resuscitation module  |
|  |  | Wall supply pressure 40-75 psi (275-517 kPa)  |
|  |  | Cylinder pressure 2,900 psi max (19,994 kPa)  |
|  |  | Auto Breath infant resuscitator   |
|  |  | Adjustable breath rate range 18-60 BPM (+/-10% of setting)                                      |
|  |  | I:E ratio Fixed at 1:2 Nominal  |
|  |  | Adjustable positive end expiratory  |
|  |  | Pressure (PEEP) 0-18 H2O (0-1.77 kPa)   |
|  |  | Gas bleed 5 LPM Max   |
|  |  | Precision blender (optional) 21-100% O2 +/-3% O2  |
|  |  | d) Storage compartments:  |
|  |  | Front storage drawers – 2 pieces  |
|  |  | e) Alarms:  |
|  |  | Audio alarms  |
|  |  | Controller heating alarms   |
|  |  | Check patient 15 minutes in Manual Mode   |
|  |  | Baby temperature +/- 1° C from Set Point  |
|  |  | High temperature Skin Temp. 39.0° C +/- 0.2° C  |
|  |  | Probe Short or open circuit / No probe  |
|  |  | System fail Indicates System Fail   |
|  |  | Power fail AC Power Interruption  |
|  |  | Alarm silence/reset intervals   |
|  |  | Check patient Resets clock for 15 minutes manual mode   |
|  |  | Baby temperature 10 minutes   |
|  |  | High temperature 2 minutes  |
|  |  | Procedural silence Presilences baby temp alarm for 5 minutes                                    |
|  |  | Alerts  |
|  |  | Manual mode System alerts every 30 seconds > 10 minutes, for 15 minutes                         |
|  |  | Apgar timer Alerts at 1, 5 and 10 minutes   |
|  |  | f) Physical properties:   |
|  |  | Total height: maximum 200 cm.   |
|  |  | Mattress height at approximate 100 cm.  |
|  |  | Weight: maximum 100 Kg. (excluding accessories)   |
|  |  | Power requirements: 220/240 V, 50-60 Hz   |
| <b>5.4.</b>                                    | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|  |  | Maximum response time at beneficiary site: 72 hours   |
| <b>5.5.</b>                                    | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|  |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|  |  | Installation  |
|  |  | User manual in English or translated into Russian language                                      |

| Item                                 |                                  | Quantity   |
|--------------------------------------|----------------------------------|--|
| <b>ITEM 6. SYRINGE INFUSION PUMP</b> |                                  | <b>4</b>   |
| <b>6.1.</b>                          | <b>Standard requirements</b>     | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>6.2.</b>                          | <b>Basic Structure</b>           | Heated respiratory humidifier<br>Humidifier pole with mobile stand and pole mount bracket  |
| <b>6.3.</b>                          | <b>Technical Characteristics</b> | Syringe type infusion pump for constant drug administration<br>Flow rate: min range 0.1 ml – 999 ml/h (max 0.1 ml increments)<br>Possibility of changing the flow rate whilst infusing<br>Syringe loading sensor. The equipment will include KVO function<br>High accuracy over the entire delivery range min +/-5%<br>Accept all standard type syringe from 50/60 ml, 30/35 or 20 ml, 10 ml or 5ml<br>Set-up fast and simple<br>Bolus mode programmable<br>Antibolus system<br>Warns of pressure variation when there is a risk of occlusion or a possible leak in the infusion line<br>Occlusion in preselected mode: three pre-selectable pressure alarm limits (occlusion)<br>Infusion continuity protection<br>Automatic internal battery operation during patient transfer AC power failure<br>Infusion data memorization (flow rate, bolus rate, volume, volume limit, KVO rate)<br>Event logging<br>Electronic pressure management<br>Infusion alarm:<br>Pre-alarm end of infusion<br>Pre-alarm volume limit<br>Occlusion alarm<br>Alarm for the end of infusion<br>Alarm for volume limit<br>Technical alarms:<br>Disengaged driving mechanism alarm<br>Low battery pre-alarm<br>Discharged battery alarm<br>Battery capacity display<br>Unconfirmed programming<br>Main malfunction alarms<br>Syringe position control<br>Syringe barrel clasp check<br>Plunger head detection<br>Occlusion pressure<br>Locking syringe<br>Fixing accessory<br>Power 220 V AC / 50 Hz<br>Battery life: min 3h/charge |
| <b>6.4.</b>                          | <b>Consumables</b>               | 200 connectors from the syringe to the patient for each syringe  |

| Item                                 |  | Quantity  |
|--------------------------------------|--|---|
| <b>ITEM 6. SYRINGE INFUSION PUMP</b> |  | <b>4</b>  |
|                                      |  | infusion pump   |
| 6.5.                                 | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|                                      |  | Maximum response time at beneficiary site: 48 hours   |
| 6.6.                                 | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                                      |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                                      |  | Equipment assembly and installation on site   |
|                                      |  | User manual in English or translated into Russian language                                      |

| Item                             |  | Quantity   |
|----------------------------------|--|--|
| <b>ITEM 7. PHOTOTHERAPY LAMP</b> |  | <b>2</b>   |
| 7.1.                             | <b>Standard requirements</b>           | CE Mark  |
|                                  |  | ISO 9001: 2000 certified companies   |
| 7.2.                             | <b>Basic Structure</b>                 | Phototherapy Unit  |
|                                  |  | Mobile Stand   |
| 7.3.                             | <b>Technical Characteristics</b>       | a) Phototherapy Unit:  |
|                                  |  | - composed of minimum 4 fluorescent tubes with white or blue color                                     |
|                                  |  | - therapeutically wave length: 420-480 nm  |
|                                  |  | - tube average life time: minimum 1.500 hours  |
|                                  |  | - indications when and what tubes need changing  |
|                                  |  | - light intensity: minimum 40 $\mu\text{W}/\text{cm}^2/\text{nm}$ at a distance of 40 cm from the lamp |
|                                  |  | Supplementary 1 set with white or blue color – reserve   |
|                                  |  | b) Mobile Stand:   |
| 7.4.                             | <b>Consumables</b>                     | - height adjustable between: minimum 45 -150 cm.   |
|                                  |  | - on 3-4 castors with locks  |
| 7.5.                             | <b>Warranty and Service Conditions</b> | Blue / white light fluorescent tube  |
|                                  |  | 24 months from the moment of installation  |
| 7.6.                             | <b>Incidental Services</b>             | Maximum response time at beneficiary site: 72 hours  |
|                                  |  | Training for at least 2 medical personnel on site at beneficiary location in Russian language          |
|                                  |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language        |
|                                  |  | Installation   |
|                                  |  | User manual in English or translated into Russian language   |

| Item                                   |                              | Quantity                           |
|--|------------------------------|------------------------------------|
| <b>ITEM 8. PORTABLE PULSE OXYMETER</b> |                              | <b>2</b>                           |
| 8.1.                                   | <b>Standard requirements</b> | CE Mark                            |
|  |                              | ISO 9001: 2000 certified companies |
| 8.2.                                   | <b>Basic Structure</b>       | Monitor for SpO2 and pulse rate    |
|  |                              | Portable pulse-oxymeter            |
|  |                              | Universal connection for sensors   |

| Item  |  | Quantity  |
|---|--|---|
| <b>ITEM 8. PORTABLE PULSE OXYMETER</b>                                  |  | <b>2</b>  |
| <b>8.3.</b>   | <b>Technical Characteristics</b>       | a) Monitor:   |
|   |  | Removable handheld display for SpO2 and pulse rate ensures continuous monitoring during transport   |
|   |  | Oximetry technology clinically proven to work under motion and poor perfusion conditions            |
|   |  | Patients perfusion level display  |
|   |  | Sensor signal quality indicator to ensure best sensor position placement                            |
|   |  | Full patient alarms including high and low saturation and pulse rate                                |
|   |  | Downloadable 72 hour memory at 2 seconds resolution with the ability to review trend data on screen |
|   |  | Fast time to initial reading after sensor placement   |
|   |  | Probe off detection system to alert user of probe displacement                                      |
|   |  | High sensitivity mode for improved performance on poorly perfused patients                          |
|   |  | LCD waveform display  |
|   |  | User selectable averaging time  |
|   |  | SpO2 range: 1÷100%  |
|   |  | Pulse rate: approximately 0 ÷250 bpm  |
|   |  | Perfusion (optional): 0.02% ÷ 10%   |
|   |  | Saturation accuracy in motion for infant: ± 3 digits  |
|   |  | 8 hour battery life for the portable display  |
|   |  | Configurable display, including big numbers option  |
|   |  | On screen alarm values  |
|   |  | Alimentation with power cord for 220 V  |
|   |  | b) Sensors:   |
|   |  | Availability of complete range of adhesive and reusable sensors for all patient weights             |
|   |  | Sensors with recessed photo detector to reduce ambient light and electromagnetic interference       |
|   |  | Extended adhesive sensor life by use of rejuvenatable adhesive                                      |
|   |  | Low weight adhesive sensors, <5gms  |
|   |  | Single patient use with proven clinical lifetime of minimum 8 days                                  |
| Adhesive sensors manufactured from durable, moisture resistant material |  |   |
| <b>8.4.</b>   | <b>Accessories and Consumables</b>     | Interconnection cable 1 pcs   |
|   |  | 1 SpO2 sensor reusable for adults (finger)  |
|   |  | 1 SpO2 sensor reusable for children over 10 kg  |
|   |  | 50 single patient use SpO2 sensors for infant   |
|   |  | 30 single patient use SpO2 sensors for neonates lower than 2 Kg                                     |
| <b>8.5.</b>   | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|   |  | Maximum response time at beneficiary site: 72 hours   |
| <b>8.6.</b>   | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language       |
|   |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language     |

| Item                                   |  | Quantity |
|--|--|----------|
| <b>ITEM 8. PORTABLE PULSE OXYMETER</b> |  | <b>2</b> |
|  | Installation and commissioning                             |          |
|  | User manual in English or translated into Russian language |          |

| Item                        |  | Quantity  |
|-----------------------------|--|---|
| <b>ITEM 9. SUCTION UNIT</b> |  | <b>3</b>  |
| <b>9.1.</b>                 | <b>Standard requirements</b>           | CE Mark<br>ISO 9001: 2000 certified companies   |
| <b>9.2.</b>                 | <b>Basic Structure</b>                 | Monitor for SpO2 and pulse rate<br>Portable pulse-oxymeter<br>Universal connection for sensors  |
| <b>9.3.</b>                 | <b>Technical Characteristics</b>       | Portable suction unit<br>Suitable for adult and pediatric use<br>Vacuum range: between around -20 and -300 mmHg, adjustable from a button<br>Vacuum indicator<br>Fast aspiration: at around 10-30 lpm flow<br>Sealed water resistant unit<br>Control panel tilted for easy viewing of the controls<br>Main body made of durable and resistant material<br>LED indication for bad battery<br>Indication for battery charge status<br>Remote internal AC charger for battery<br>Charging circuit capable of running on low battery<br>Power supply: 220VAC, 50Hz<br>Rechargeable battery:<br>12 volt DC rechargeable battery<br>Battery: rechargeable<br>Long operating time at full vacuum (uninterrupted min 40-60 min)<br>Low charge time: max 6-8 hours<br>Fast charging: runs at least 1 hour after it is charged for 2 hours only |
| <b>9.4.</b>                 | <b>Accessories and consumables:</b>    | Reusable collecting container: min 1500 ml.<br>Disposable hydrophobic bacteria filters – 3pcs.<br>2 auto-clavable silicon suction tubes<br>Carrying case with shoulder strap and handle – 1pc.  |
| <b>9.5.</b>                 | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment<br>Battery warranty : at least 6 months<br>Maximum response time : 72 hours  |
| <b>9.6.</b>                 | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation and commissioning<br>User manual in English or translated into Russian language  |

| Item                                  |  | Quantity   |
|---------------------------------------|--|--|
| <b>ITEM 10. FETAL HEART DETECTORS</b> |  | <b>1</b>   |
| <b>10.1.</b>                          | <b>Standard requirements</b>           | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>10.2.</b>                          | <b>Characteristics</b>                 | Compact, lightweight and portable device complete with carrying case, rechargeable batteries, gel and optional head-set if any<br>Specify measurement method<br>Audible and visible heart beat indication<br>Fetal Heart rate calculation and display  |
| <b>10.3.</b>                          | <b>Technical Requirements</b>          | Specify FHR range [bpm]<br>Display size<br>Indicate displayed parameters<br>Speaker yes/no<br>Power Requirements: VAC 220, 50Hz / Plug Type F<br><b>CONTROLS:</b><br>ON/OFF<br>Volume<br>Audio mute<br>Calibration<br>Easy to clean<br>Waterproof / fluid resistant<br>Battery operation<br>Rechargeable standard batteries<br>With integrated battery charger or ext. charging station<br>Consumables if any covering 1200 patients |
| <b>10.4.</b>                          | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation<br>Maximum response time at beneficiary site: 72 hours   |
| <b>10.5.</b>                          | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation<br>User manual in English or translated into Russian language   |

| Item                                     |                              | Quantity   |
|--|------------------------------|--|
| <b>ITEM 11. ELECTROCARDIOGRAPH (ECG)</b> |                              | <b>1</b>   |
| <b>11.1.</b>                             | <b>Standard requirements</b> | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>11.2.</b>                             | <b>Characteristics</b>       | 12 channel ECG with 12 leads<br>Minimum 6 Number of traces to be displayed simultaneously<br>Preferable touch screen<br>Resolution at least 640/480 pixels<br>Possibility of introducing for each patient the following data: name, date of birth, date of recording, weight, age, diagnosis and comments<br>The central Control panel will display all instructions in English or Romanian language |

| Item                                     |  | Quantity   |
|--|--|--|
| <b>ITEM 11. ELECTROCARDIOGRAPH (ECG)</b> |  | <b>1</b>   |
|  |  | 2 leads ECG: limb derivations: I, II, III, aVL, aVF, aVR; precordial derivations: V1, V2, V3, V4, V5, V6 |
|  |  | Manual selection for any 12-lead   |
|  |  | Graphic LCD viewing area for life 3-channel display with patient information                             |
|  |  | Indicator for faulty leads   |
|  |  | Digital filters for all possible interferences. <i>Please specify which types of filters</i>             |
|  |  | Calibration 1mV test   |
|  |  | Sensitivity and Frequency response test  |
|  |  | Sensitivity adjustment - 5, 10 and 20 mm/mV  |
|  |  | Gain adjustment - x 1/2, x 1 and x 2   |
|  |  | Full screen preview to determine quality of ECG  |
|  |  | ECG interpretation with interpretation statements  |
|  |  | Low battery check and alarm  |
|  |  | Optional: indication of bradycardia and tachycardia  |
|  |  | Printer  |
|  |  | Printing speed 25 mm/s or 50 mm/s  |
|  |  | Recording paper - thermal - A4 size  |
|  |  | Printout of patient ECG with patient information   |
|  |  | Storing at least 100 records (at least 10 seconds long strips)   |
|  |  | Defibrillation protection  |
|  |  | Pacemaker detection  |
|  |  | Built in accumulator. At least 2 hours autonomy  |
|  |  | The accumulator is re-charging automatically   |
|  |  | Thermal paper rolls – 50 pcs   |
| <b>11.3.</b>                             | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation  |
|  |  | Maximum response time at beneficiary site: 72 hours  |
| <b>11.4.</b>                             | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language            |
|  |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language          |
|  |  | Installation   |
|  |  | User manual in English or translated into Russian language   |

| Item                                  |                              | Quantity  |
|---------------------------------------|------------------------------|---|
| <b>ITEM 12. HOT AIR STERILIZATION</b> |                              | <b>2</b>  |
| <b>12.1.</b>                          | <b>Standard requirements</b> | CE Mark   |
|                                       |                              | ISO 9001: 2000 certified companies  |
| <b>12.2.</b>                          | <b>Characteristics</b>       | Hot air sterilizer with chamber volume: min 50 liters                             |
|                                       |                              | Chamber made from stainless steel   |
|                                       |                              | Door with lateral opening with handling for safety against the accidental opening |
|                                       |                              | Selected programs for sterilization, heating or drying of materials               |
|                                       |                              | Min 3 working programs  |
|                                       |                              | Ventilation air system in spiral way to assure the temperature in                 |

| Item                                  |  | Quantity  |
|---------------------------------------|--|---|
| <b>ITEM 12. HOT AIR STERILIZATION</b> |  | <b>2</b>  |
|                                       |  | chamber   |
|                                       |  | Control panel and LED display   |
|                                       |  | Display of temperature and time   |
|                                       |  | Indication of the already done and current sterilization phase                                  |
|                                       |  | RS 232 – interface for printer or PC – communication  |
|                                       |  | Acoustic alarm for overtake of programmed temperature or other error                            |
|                                       |  | Precise control of the sterilization cycle parameters with microprocessor                       |
|                                       |  | Delayed heating start and stop function   |
|                                       |  | Temperature sensor  |
|                                       |  | Chrome plated trays – 2 pcs.  |
|                                       |  | Working temperature: at least from 10°C above ambient to 250°C                                  |
|                                       |  | Time required to reach 250°C: max 60 min  |
|                                       |  | Weight: max 75 kg   |
|                                       |  | Power:  |
|                                       |  | Maxim power consumption: 1.5 kW   |
|                                       |  | Power supply: 220 VAC, 50 Hz  |
| <b>12.3.</b>                          | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|                                       |  | Maximum response time at beneficiary site: 48 hours   |
| <b>12.4.</b>                          | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                                       |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                                       |  | Installation  |
|                                       |  | User manual in English or translated into Russian language                                      |

| Item                        |                                  | Quantity   |
|-----------------------------|----------------------------------|--|
| <b>ITEM 13. OXYGEN HOOD</b> |                                  | <b>2</b>   |
| <b>13.1.</b>                | <b>Standard requirements</b>     | CE Mark  |
|                             |                                  | ISO 9001: 2000 certified companies                                     |
| <b>13.2.</b>                | <b>Basic Structure</b>           | Transparent oxygen hood for neonates with head / waist aperture        |
|                             |                                  | 2(two)sliding doors  |
|                             |                                  | Silicone flap in the head / waist aperture                             |
| <b>13.3.</b>                | <b>Technical Characteristics</b> | Suitable for neonates and infants                                      |
|                             |                                  | Fits into all incubators and open care beds / tables                   |
|                             |                                  | Allows consistent and even oxygen flow to the baby                     |
|                             |                                  | Manufactured from food-grade polycarbonate                             |
|                             |                                  | Easy access on each side for I.V. lines, oxygen analyzers or ECG wires |
|                             |                                  | Big clear sliding doors  |
|                             |                                  | Raked head aperture  |
|                             |                                  | Soft material in the aperture for maintaining oxygen and humidity      |
|                             |                                  | Interior gas deflection system for preventing baby's cooling           |

| Item                        |  | Quantity  |
|-----------------------------|--|---|
| <b>ITEM 13. OXYGEN HOOD</b> |  | <b>2</b>  |
|                             |  | Possibility to measure the interior temperature   |
| <b>13.4.</b>                | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                              |
|                             |  | Maximum response time : 72 hours  |
| <b>13.5.</b>                | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                             |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                             |  | Installation  |
|                             |  | User manual in English or translated into Russian language                                      |

| Item  |  | Quantity  |
|---|--|---|
| <b>ITEM 14. RESUSCITATION BALOON</b>            |  | <b>2</b>  |
| <b>14.1.</b>                                    | <b>Technical Characteristics</b>       | Silicone resuscitation balloons for providing fast, simple, and effective ventilation to non-breathing patients, self-inflating bags in three sizes: adult / pediatric / neonatal |
|   |  | System assists the rescuer through :  |
|   |  | Pop-off pressure release valve which opens at pressures more than 20-40 cm H <sub>2</sub> O   |
|   |  | Pressure manometer  |
|   |  | Valve system respond to the rescuer and the patient   |
|   |  | Visual alert of the pressure applied or for incorrect operation   |
|   |  | Audible overpressure alert  |
|   |  | Auto-clavable   |
|   |  | Oxygen reservoir system for each of the resuscitators   |
|   |  | Inspiratory resistance: 3-3.5 cm H <sub>2</sub> O   |
|   |  | Bag volume : between 500 ÷ 750 ml   |
|   |  | Expiratory resistance: 2-2.5 cm H <sub>2</sub> O  |
|   |  | Dead space: max 8 ml  |
|   |  | Reservoir volume: 500÷750 ML  |
|   |  | Manual flow rate: min 35-45 l/min   |
|   |  | Demand flow rate: min 0-150 l/min   |
|   |  | Input pressure: 50 PSI  |
|   |  | Pressure relief valve: 40 cm H <sub>2</sub> O   |
|   |  | Patient connection: 15mm (newborns) and 22 mm   |
|   |  | Low weight (for easy operation)   |
| Operating temperature range: min. -10°C to 50°C |  |   |
| Storage temperature range: min. -40°C to +60°C  |  |   |
| <b>14.2.</b>                                    | <b>Accessories</b>                     | Neonatal use masks – 6 pcs (2 of each size)   |
|   |  | Children use masks –6 pcs (2 of each size)  |
|   |  | Adult use masks – 6 pcs (2 of each size)  |
| <b>14.3.</b>                                    | <b>Warranty and Service Conditions</b> | 24 months from the moment of installation   |
|   |  | Maximum response time at beneficiary site: 48 hours   |
| <b>14.4.</b>                                    | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|   |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language   |
|   |  | Installation  |

| Item                                 |  | Quantity |
|--------------------------------------|--|----------|
| <b>ITEM 14. RESUSCITATION BALOON</b> |  | <b>2</b> |
|                                      | User manual in English or translated into Russian language |          |

| Item                         |  | Quantity   |
|------------------------------|--|--|
| <b>ITEM 15. LARINGOSCOPE</b> |  | <b>2</b>   |
| <b>15.1.</b>                 | <b>Standard requirements</b>           | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>15.2.</b>                 | <b>Technical Characteristics</b>       | Fiber optic laryngoscope:<br>Laryngoscope handle<br>Fiber optic laryngoscope blades – 2 pcs each size (adult, pediatric and neonatal)<br>Rechargeable battery<br>Knurled finish for sure grip<br>Blade with fiber optic for cool light<br>Halogen or xenon light for true tissue color<br>Long lasting illumination<br>Removable fiber optic light pipe for instant replacement<br>Fiber optic resistant about 1000 cycles of sterilizations<br>Blades:<br>McIntosh type, size 1, 2, 3<br>Miller type, size 1, 2, 3<br>One piece stainless steel<br>Wireless blades eliminate electrical contact<br>Charger for battery: 220VAC, 50 Hz |
| <b>15.3.</b>                 | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment<br>Maximum response time : 48 hours   |
| <b>15.4.</b>                 | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation<br>User manual in English or translated into Russian language   |

| Item                                    |                                  | Quantity   |
|---|----------------------------------|--|
| <b>ITEM 16. BILIRUBINOMETE CUTANEOS</b> |                                  | <b>3</b>   |
| <b>16.1.</b>                            | <b>Standard requirements</b>     | CE Mark<br>ISO 9001: 2000 certified companies  |
| <b>16.2.</b>                            | <b>Technical Characteristics</b> | Non-invasive fast measurement<br>Measurement position forehead or sternum<br>Easy to read display - Specify type and range<br>Printer (preferably integrated) and paper rolls<br>Alarms<br>Measurements error<br>Low battery<br>Others (specify) |

| Item                                     |  | Quantity  |
|--|--|---|
| <b>ITEM 16. BILIRUBINOMETE CUTANEOUS</b> |  | <b>3</b>  |
|  |  | Technical Requirements  |
|  |  | Power Requirements: VAC 220, 50Hz / Plug Type F   |
|  |  | Battery (rechargeable) and mains operation  |
|  |  | Charging device (220V)  |
|  |  | Carrying case   |
|  |  | Consumables for 200 patients  |
| <b>16.3.</b>                             | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                              |
|  |  | Maximum response time : 72 hours  |
| <b>16.4.</b>                             | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|  |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|  |  | Installation  |
|  |  | User manual in English or translated into Russian language                                      |

| Item                                |                                    | Quantity   |
|-------------------------------------|------------------------------------|--|
| <b>ITEM 17. NEBULIZER FOR DRUGS</b> |                                    | <b>3</b>   |
| <b>17.1.</b>                        | <b>Standard requirements</b>       | CE Mark  |
|                                     |                                    | ISO 9001: 2000 certified companies   |
| <b>17.2.</b>                        | <b>Technical Characteristics</b>   | Equipment for broncho-pulmonary pathologies: asthma, pneumopathies, cystic fibrosis              |
|                                     |                                    | Dedicated for all medicines: bronchodilators, antibiotics, corticoids, and mucolytic             |
|                                     |                                    | Running mode: the aerosol is produced continuous   |
|                                     |                                    | Auto-clavable up to 134°C  |
|                                     |                                    | Preferable reusable accessories (tubes, masks)   |
|                                     |                                    | <b>Nebulizer:</b>  |
|                                     |                                    | Container capacity: approximately 5 ml   |
|                                     |                                    | Equipped with tube with length approximately 1m  |
|                                     |                                    | Multi position mask for adult and pediatric  |
|                                     |                                    | Equipped with mouth end-piece and flask for dosage   |
|                                     |                                    | <b>Compressor:</b>   |
|                                     |                                    | Oil free   |
|                                     |                                    | Maintenance free   |
|                                     |                                    | Small dimensions (portable device)   |
|                                     |                                    | Low weight (portable device)   |
|                                     |                                    | Low noise device: approximate 30 dB  |
|                                     |                                    | Pressure adjusted to 0.5 bar   |
|                                     |                                    | Possibility to be fed by an oxygen central source: compressor flow in charge with minimum 5l/min |
|                                     |                                    | Medical device from electrical class I   |
|                                     |                                    | Level of protection: IP 30   |
| <b>17.3.</b>                        | <b>Accessories and Consumables</b> | Mouth end-piece – 5pcs   |
|                                     |                                    | Nose plug – 2pcs   |
|                                     |                                    | Nose piece – 2pcs  |
|                                     |                                    | Masks adult – 2pcs   |

| Item                                |  | Quantity  |
|-------------------------------------|--|---|
| <b>ITEM 17. NEBULIZER FOR DRUGS</b> |  | <b>3</b>  |
|                                     |  | Masks pediatric – 5pcs  |
| 17.4.                               | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                              |
|                                     |  | Maximum response time : 72 hours  |
| 17.5.                               | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                                     |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                                     |  | Installation  |
|                                     |  | User manual in English or translated into Russian language                                      |

| Item                       |  | Quantity  |
|----------------------------|--|---|
| <b>ITEM 18. GLUCOMETER</b> |  | <b>1</b>  |
| 18.1.                      | <b>Standard requirements</b>           | CE Mark   |
|                            |  | ISO 9001: 2000 certified companies  |
| 18.2.                      | <b>Technical Characteristics</b>       | Whole blood measurements  |
|                            |  | Measurement range: min 10 – 700 mg/dl   |
|                            |  | No light influence  |
|                            |  | Compensated with temperature influence  |
|                            |  | Serial imprecision: max 4 %   |
| 18.3.                      | <b>Consumables</b>                     | Strips for 500 of tests open market not limited to one company                                  |
| 18.4.                      | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                              |
|                            |  | Maximum response time : 72 hours  |
| 18.5.                      | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|                            |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|                            |  | Installation  |
|                            |  | User manual in English or translated into Russian language                                      |

| Item  |                              | Quantity  |
|---|------------------------------|---|
| <b>ITEM 19. CLASSICAL TABLE FOR GYNECOLOGY AND OBSTETRICS</b> |                              | <b>2</b>  |
| 19.1.   | <b>Standard requirements</b> | CE Mark   |
|   |                              | ISO 9001: 2000 certified companies  |
| 19.2.   | <b>Characteristics</b>       | Non-electric delivery bed   |
|   |                              | Robust, mobile delivery bed on castors with breaks  |
|   |                              | Easy adjustable sections (with handle). <u>Specify number of sections</u>                         |
|   |                              | Height adjustable (with handle). <u>Specify range</u>   |
|   |                              | Trendlenburg and reverse Trendelenburg position easy adjustable with handle. <u>Specify range</u> |
|   |                              | Shoulder and head rest  |
|   |                              | Supplementary table completely recessable underneath the  |

| Item  |  | Quantity   |
|---|--|--|
| <b>ITEM 19. CLASSICAL TABLE FOR GYNECOLOGY AND OBSTETRICS</b> |  | <b>2</b>   |
|   |  | main bed   |
|   |  | Standard side rails to fix accessories   |
|   |  | Detachable, adjustable (height and width) leg support  |
|   |  | Detachable, adjustable (height and width) knee crutches with pads, cover and strap                 |
|   |  | Easy to clean, water and stain proof mattress. <i>Specify material and cleaning detergent used</i> |
|   |  | Drain pan to collect physiologic and irrigating fluids   |
|   |  | Waste receptacle with drainage hose  |
|   |  | Auxiliary side-arm board with pad, swiveling   |
|   |  | Auxiliary height adjustable infusion pole  |
| <b>19.3.</b>  | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                                 |
|   |  | Maximum response time : 72 hours   |
| <b>19.4.</b>  | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language      |
|   |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language    |
|   |  | Installation   |
|   |  | User manual in English or translated into Russian language   |

| Item                                      |                              | Quantity  |
|---|------------------------------|---|
| <b>ITEM 20. RADIANT TABLE FOR NEWBORN</b> |                              | <b>1</b>  |
| <b>20.1.</b>                              | <b>Standard requirements</b> | CE Mark   |
|   |                              | ISO 9001: 2000 certified companies  |
| <b>20.2.</b>                              | <b>Basic Structure</b>       | Height adjustable table   |
|   |                              | Radiant Warmer consisting of: <ul style="list-style-type: none"> <li>- Heat source</li> <li>- Bassinet and mattress</li> <li>- Mounting column with fixed height</li> <li>- Storage compartments</li> </ul>             |
|   |                              | a) Heat source controller and functions:  |
|   |                              | Mean irradiance at mattress level: minimum 10 mW/cm <sup>2</sup>  |
|   |                              | The central Control panel will display all instructions in English or Russian language  |
|   |                              | Control panel located centrally at eye level  |
|   |                              | Microprocessor controller with control modes: <ul style="list-style-type: none"> <li>- Manual mode in minimum 5% increments from 0 to 100%</li> <li>- Automatic (pre-warm) mode</li> <li>- Servo (baby) mode</li> </ul> |
|   |                              | Servo control temperature range between approximate: 35 – 37 °C   |
|   |                              | Display temperature range between 30 and 42 °C  |
|   |                              | Examination lamp of minimum 50 W and minimum 1,000 Lux  |

| Item                                      |  | Quantity  |
|---|--|---|
| <b>ITEM 20. RADIANT TABLE FOR NEWBORN</b> |  | <b>1</b>  |
|   |  | The heat source head with possibility of moving left or right - 90°                             |
|   |  | Patient skin probe, reusable – 2 pieces   |
|   |  | b) Bassinet and mattress  |
|   |  | Mattress area minimum: 3,000 cm <sup>2</sup>  |
|   |  | Hydraulic tilt mechanism for the bassinet at least: +/- 10° minimum                             |
|   |  | Mattress thickness: minimum 2 cm  |
|   |  | Ray cassette tray to fit under mattress -1 piece  |
|   |  | Four foldable bassinet walls  |
|   |  | c) Mounting column  |
|   |  | Fixed height column on mobile castors   |
|   |  | Built in rails for accessories – 2 pieces   |
|   |  | d) Storage compartments   |
|   |  | Front storage drawers – 2 pieces  |
|   |  | e) Alarms   |
|   |  | Progressive audio alarms  |
|   |  | Check patient   |
|   |  | Baby temperature deviation: +/- 1° C  |
|   |  | High temperature with heater shut off   |
|   |  | Probe fail  |
|   |  | Power fail  |
|   |  | System fail   |
|   |  | f) Physical properties  |
|   |  | Total height: maximum 200 cm  |
|   |  | Mattress height at approximate 100 cm   |
|   |  | Weight: maximum 100 Kg. (excluding accessories)   |
|   |  | Power requirements: 220/240 V, 50-60 Hz   |
| <b>20.3.</b>                              | <b>Accessories</b>                     | Front drawers for storage   |
|   |  | X-Ray tray  |
|   |  | Rails for accessories   |
|   |  | Patient skin probe  |
| <b>20.4.</b>                              | <b>Warranty and Service Conditions</b> | Period: 24 months from the moment of installation of the equipment                              |
|   |  | Maximum response time : 72 hours  |
| <b>20.5.</b>                              | <b>Incidental Services</b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language   |
|   |  | Training for at least 2 technical personnel on site at beneficiary location in Russian language |
|   |  | Installation  |
|   |  | User manual in English or translated into Russian language                                      |

| Item  |                              | Quantity                           |
|---|------------------------------|------------------------------------|
| <b>ITEM 21. MEDICATION / INSTRUMENT TROLLEY</b> |                              | <b>2</b>                           |
| <b>21.1.</b>                                    | <b>Standard requirements</b> | CE Mark                            |
|   |                              | ISO 9001: 2000 certified companies |
| <b>21.2.</b>                                    | <b>Basic Structure</b>       | Stainless steel emergency trolley  |

| Item  |   | Quantity   |
|---|---|--|
| <b>ITEM 21. MEDICATION / INSTRUMENT TROLLEY</b> |   | <b>2</b>   |
|   |   | Work top   |
|   |   | Double hook IV-pole  |
|   |   | Defibrillator platform with straps   |
|   |   | Antistatic ball bearing castors  |
|   |   | System waste container   |
|   |   | Rubber bumpers   |
|   |   | Minimum 2 (two) drawers  |
| <b>21.3.</b>                                    | <b><i>Physical properties</i></b>             | Stainless steel structure <ul style="list-style-type: none"> <li>– Maximum height: 1600 mm</li> <li>– Maximum length: 700 mm</li> <li>– Maximum width: 650 mm</li> <li>– Castors diameter: min.120 mm</li> </ul>   |
| <b>21.4.</b>                                    | <b><i>Technical Characteristics</i></b>       | Work top in plastic ABS<br>Colored strips for drawers<br>Effective security system of the emergency medication   |
| <b>21.5.</b>                                    | <b><i>Accessories</i></b>                     | Catheter basket<br>Internal drawer organizer<br>Stainless steel holder for oxygen bottles with capacity 3-5 liters   |
| <b>21.6.</b>                                    | <b><i>Warranty and Service Conditions</i></b> | Period: 24 months from the moment of installation of the equipment<br>Maximum response time: 72 hours  |
| <b>21.7.</b>                                    | <b><i>Incidental Services</i></b>             | Training for at least 2 medical personnel on site at beneficiary location in Russian language<br>Training for at least 2 technical personnel on site at beneficiary location in Russian language<br>Installation<br>User manual in English or translated into Russian language |