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3 June 2020

Dear Mr. Abdi,

On behalf of the Security Council Committee established pursuant to resolution 1718 (2006), I have the honour to refer to your letter dated 7 May 2020, by which you requested the Committee, in accordance with paragraph 25 of resolution 2397 (2017), for an exemption from the prohibitions on transfers to the Democratic People's Republic of Korea (DPRK) to allow for the shipment of items essential for UNICEF's programmes in the DPRK, including in the areas of health, nutrition, and water, sanitation and hygiene, necessary for the delivery of safe water supply to communities and children in schools and nurseries; the effective treatment of individuals admitted to hospitals, in particular to assist mothers with complicated deliveries that require surgery; and to support statistics offices and resource centers that collect and report data relevant to children, to enable the effective situational and statistical monitoring of UNICEF's humanitarian programmes. I also note your request for a longer timeframe for the exemption, given the challenges related to the manufacturing and shipment of goods as a result of the COVID-19 pandemic.

I have the further honour to inform you that, following due consideration, the Committee has decided to approve the requested exemption in the abovementioned letter, in accordance with paragraph 25 of Security Council resolution 2397 (2017), as well as an extended timeframe for the exemption on an exceptional basis, to transfer the items and services outlined in your letter within the next twelve months, which is enclosed in this letter as an attachment. The items are requested to be shipped once together or in a consolidated manner, with a view to increasing efficiency of shipping and custom clearance.

The Committee reiterates that the sanctions measures imposed by the Security Council through its resolutions with respect to the DPRK are not intended to bear a negative impact on the people of the DPRK, and the note verbale it issued to all Member States, as well as its press release SC/13113 of 8 December 2017, offer clarifications as regards humanitarian aid to the DPRK. The note verbale further recalls that each Member State must fully implement relevant Security Council measures, while keeping in mind the need to clarify to public and private sector entities in their jurisdiction that, while properly implementing United Nations sanctions, humanitarian activities should not be unduly restricted.

Mr. Omar Abdi  
Deputy Executive Director, Programmes  
UNICEF

The Committee further supports and approves UNICEF engaging in necessary business and financial transactions only for the purchase of goods and services exempted by the Committee and found in the attachment without prejudice to the relevant commercial decisions.

At the same time, the Committee requests relevant organizations delivering humanitarian assistance to the DPRK to adhere to the exemption time limit approved by the Committee and fully respect and abide by relevant national laws, regulations, and licensing requirements governing financial and commercial transactions, and shipping and custom clearance conducted in the jurisdictions of affected Member States.

I wish to inform you that this letter and its annex will be published on the 1718 Committee website for the public, including relevant national authorities involved in reviewing the exempted transfers to the DPRK, for a period of twelve months.

The Committee would like to thank UNICEF for its diligence.

Yours sincerely,

*(Signed)*

Christoph Heusgen  
Chair

Security Council Committee established  
pursuant to resolution 1718 (2006)

Attachment:

- List of Goods and Services for Transfer to the DPRK

Program	Material Description	Specifications:	Purpose	Value	Origin	Port of departure	Port of entry	Parties involved in transaction	Measure to ensure for use of intended purpose
Health	Emergency Obstetric and Neonatal Care Equipment	<p><b>Specifications:</b></p> <p>10 units of Table, operating theatre/scrub, General purpose operating table, 4 axes, 5 sections            Stainless steel finished base on 4 casters            Central frame lowers the table onto 4 casters, height adjustable fast            Solid reinforced base creates maximum stability, with patient, up to the limits of each position            Base fits with scrub connection            Cane, lever and crank mechanisms are all manually operated, no gas springs            Radiolucent table top with integrated radiolucent one-way cassette channels            All sections fit with mattress, detachable for easy cleaning            Mattresses have a welded frame, core and surface are joined            Table adjustable to all essential positions            Height adjustable via four pedals via hydraulic lever system            Footrest (fixed with hydraulic coil)            Three axes adjustable via manual crank: back, pelvis and legs            Backrest adjustable 1x: 90 degree            Trunk/leg and knees: Trunk/leg: 0 - 25 degree            Cane: 0-90 degree, both sides: 0 - 20 degree            Leg area removable, consists of 2 independent sections, each adjustable to a combination of up/down and left/right            Head area removable, and independently adjustable, 70 - 90 degree            Accessories on both sides clamp on standard standard steel medical rail            When elevated and fully extended, all sections align to perfectly flat surface</p> <p><b>Material:</b>            High resistance to corrosion (typical environment)            Blue: stainless steel            Frame: Epoxy coated            Table top: radiolucent epoxy resin            Underfoot area for accessories: Austenitic, stainless steel 18/10            Mattress: welded frame rubber, highly tear resistant, anti-static, flame retardant, disinfectant- and liquid proof, washable            Caster frame: stainless steel            Caster wheel: single wheel, solid, non-hooded (for easy maintenance)</p> <p><b>Dimensions:</b>            Operating table, all axes extended:            228x224 (L) - including leg section straight, 48-52 (w) - width surface, 55-57 (w) - width with side rail, 75-79 (H) from floor frame, 79-86 (H) from floor to surface without the mattress            Height adjustment: 42-77 to 96-110cm (h)            Height adjustable foot, Foot pedal: length 7.9 cm and width: 5.7cm            Mattress: 4.5cm thick            Carrying capacity maximum 150 kg</p>	These are operation and delivery tables to be used for establishment of Operating Theatre for comprehensive Emergency Obstetric Care for Caesarean Surgery for pregnant women with complication in 10 county hospitals. County hospital on an average serves a catchment population of more than 100,000 people and provide delivery services (normal delivery as well as Caesarian Section operation in complicated cases) for an estimated 5000 to 7000 pregnant women annually.	\$17,500.00	china	Ningbo, Sea Port China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p><b>10 Table instrument, Mayo type, stainless steel on casters. General Description:</b>            Table, instrument, stainless steel, on casters</p> <p><b>Technical Specifications:</b>            Movable height adjustable instrument table, Mayo type            Heavy carrying material on 4 swivel casters, of which two with brake and 4 with anti-static wheel            Support column side-on base, facilitates positioning under low clearance table (e.g. operating table).            Both casters with brake mounted on the short side of the base.            Solid manual lever allows setting telescopic upper part at required height.            A brake prevents exceeding the maximum height setting.            Upper section fits with standard finished, removable instrument tray.  <b>Material:</b>            High resistance to corrosion (typical environment)            Frame and tray: Austenitic stainless steel 18/10            Caster frame: stainless steel or nylon            Caster wheel: solid lock type (wheel and retention lock)            Caster wheel: single wheel, medium type, non-hooded (for easy maintenance), anti-static (for 4).            Wheel bearing: sealed bearing in the wheel and the wheel.            Travel: a ball-bearing.</p> <p><b>Dimensions:</b>            Height adjustable: 72-88 -108-132cm            Upper tray: 40x42x4-5cm (L x w x h)            Thickness tray: 5mm            Frame: 3cm (vertical, across), 1.5-1.5mm (thickness)            Travel: casters wheel: 2.2 x 1.5 x 2 cm (w x h x diameter)            Carrying capacity 40kg            Knockdown construction: Yes</p> <p>Items supplied with:            1 x complete set of tools required for assembly            Detailed step-by-step instructions for assembly and safe use, text-free pictorial based</p>	these are instrument table for operating theatre to be distributed in 10 County hospitals. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually	\$2,000.00	china	Ningbo, Sea Port China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>13 units of Lightoper room LED luminaires/fixture            Integrated light LED module, AC and battery powered - TECHNICAL SPECIFICATIONS:            Mobile output light, mounted on base with swivel casters and 2 brakes            Low center of gravity, sturdy construction            Single capsule, 33 / 50 mm diameter (depending on the available model), with handle</p>	Operation room lights will be installed in county hospital operation rooms along with the operation tables for use during surgical procedures mainly for the gynaecological and obstetric patients in addition to other surgical procedures. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually, the equipment will be distributed to 15 county hospitals with Operation theatre.	\$14,700.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>20 units of Oxygen concentrator SET            Oxygen concentrator, mobile, 0 - 10 l/min flow rate, 2 independent outputs with flow meter and humidifier</p> <p><b>TECHNICAL SPECIFICATIONS:</b>            The concentrator produces low pressure, high purity oxygen from ambient air by Pressure Swing Adsorption (PSA) technology            Mobile device, with integrated handle and mounted on 4 swivel casters, with 2 brakes            Metal output fitting, 6 mm barbed, detachable            Oxygen purity 93% ± 3%            Continuous flow, adjustable range 0.5 - 10 l/min            Manual switch on time from 10 min - 40 h pre-set            Output pressure 0.04 - 0.07 MPa            Noise level &lt; 55 dB            2 output outlets, independent, each with dedicated flowmeter and humidifier            Integrated humidifiers, 2, one for each output, with removable and detachable bottles            Integrated oxygen concentration and pressure sensors            Display panel with audio-visual alarm for: low oxygen concentration (&lt; 82%), high flow pressure (0.1-0.2 MPa), power failure, occlusion (on flow)            Working hours (maximum and overall) and pre-set (10 days - 40 h) times            Operating conditions: temperature 10 - 40°C, relative humidity 30 - 85%, altitude up to 2286 m (from 2286 m to 4000 m no performance is not guaranteed)            Integrated 2-stage air intake filter, removable and washable            Compatible with additional optional accessories (not included in the supply): integrated nebulator, pulse extender and maintenance timer 3, 000 h            Power requirements 110 - 220 V / 50 - 60 Hz            Power consumption 400 W</p>	Oxygen concentrator is small portable machine that produces low pressure high purity oxygen from atmospheric air. It is pivotal equipment for emergency rooms, labor rooms, maternity operation room, infant care and cardiac care units. This is also used for the management of severe pneumonia and asthma in children and respiratory failure, the oxygen concentrator will be placed in 10 county hospital's Operating theatre and Emergency newborns Care room for treating delivery mother with complication and neonatal care with emergency condition. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.	\$14,324.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health	Emergency Obstetric and Neonatal Care Equipment	<p>20 units of <i>Minivital</i> portable, wireless fetal vital signs monitor, 3 physiological parameters, for adult, pediatric, infant and neonatal patients, AC and battery powered, with accessories</p> <p>Technical specifications:</p> <p>Portable vital signs monitor, suitable for adult, pediatric and neonatal patients</p> <p>5 parameters monitoring: ECG and Heart Rate (HR), Respiratory Rate (RR), SpO<sub>2</sub>, NIBP and Temperature</p> <p>ECG and HR:</p> <ul style="list-style-type: none"> <li>1-lead ECG, 3-8-12-lead (optional 5-lead, 1, 8, 12, 6V, aVL, aVF, V<sub>1</sub>)</li> <li>resolution visualization: min 1.25, 2.5, 5, 10, 20, 40 mm/s and Auto range speed 2.5, 5, 10, 20 and 40 mm/s</li> <li>accuracy: ± 1 bpm or ± 1%, whichever is greater</li> <li>ECG E-tachycardia arrhythmia analysis: standardizing marker: 1 x 1 m/s<sup>2</sup> or 2 x 2 m/s<sup>2</sup> (depending on the available model)</li> <li>HR: 1.1 - 300 bpm for adult and 1.1 - 150 bpm for pediatric/neonatal</li> <li>Respiratory rate (RR): HR range 0 - 120 adult, 0 - 150 pediatric/neonatal</li> <li>resolution: 1 bpm</li> <li>accuracy: ± 2 ppm or ± 2% in the range 7 - 150 ppm, whichever is greater</li> <li>NIBP: noninvasive sphygmomanometry adjustable cuffing pressure: pediatric, diabetic and mean pressure measurement measurement overall range (max. value diastolic, min. value systolic): 10 - 270 mmHg, 10 - 200 pediatric, 10 - 130 neonatal</li> <li>resolution: 1 mmHg</li> <li>SpO<sub>2</sub>: range 0 - 100%</li> <li>resolution: 1%, accuracy ± 2% in the range 70 - 100%</li> <li>heart rate detection: 25 - 250 bpm, accuracy: ± 3 bpm or ± 2%, whichever is greater</li> <li>Temperature: range 0 - 50 °C</li> <li>resolution: 0.1 °C</li> <li>accuracy: ± 0.1 °C</li> <li>Adjustable signal amplitude and sensitivity</li> <li>TFT color display - 10.4 inches</li> <li>Multi-wireless and parameters visualization, at least 4 channels</li> <li>Defibrillator zone and protection</li> <li>Patient data detection system</li> <li>Onset information and trend interval database</li> <li>Trend display - 720 hours</li> <li>Audio-visual alarms and alarming features for all monitored parameters</li> <li>Display reports, alarms, system errors, trends and sensors failure and AC/battery status</li> </ul> <p>From <a href="http://www.ge.com">www.ge.com</a></p>	<p>The patient monitors will be installed in 10 county hospitals maternity wards and operation rooms for the management of risk group pregnant women during delivery and monitor the prognosis as well as monitoring the patient's vital during obstetrical and gynecological surgical procedures. The monitor will also be placed in Newborn care facility for monitoring newborn baby with complication. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 2000 pregnant women annually.</p>	\$26,481.40	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>10 units of <i>analog fetal Doppler</i></p> <p>10 units of <i>cardiotocograph (CTG) monitor with accessories TECHNICAL SPECIFICATIONS:</i></p> <p>Internal cardiotocograph (CTG), fetal heart rate (FHR) and uterine contraction (UC)</p> <p>Tabletop device</p> <p>Ultrasound FHR and pressure-sensitive UC continuous detection</p> <p>2 FHR and 1 UC channels</p> <p>Equipped with trend remote switch for event marking</p> <p>Automatic transducer detection and dedicated clips for different transducers</p> <p>Integrated feedback and volume level adjustment</p> <p>Adjustable audio channel (FHR) or (FHR/UC)</p> <p>Automatic Fetal Movement (AFM) feature</p> <p>Trend detection and FHR, with separate visualization of the two signals</p> <p>FHR specifications:</p> <ul style="list-style-type: none"> <li>ultrasound Doppler detection with automatic correlation, 2 channels</li> <li>ultrasound frequency range 1 - 2 MHz ± 10% (depending on the available model)</li> <li>measurement output power &lt; 10 mW/cm<sup>2</sup></li> <li>measurement range 40 - 240 bpm</li> <li>resolution: 1 bpm</li> <li>accuracy: ± 2 bpm</li> </ul> <p>UC (TOCO) external pressure-sensitive detection</p> <ul style="list-style-type: none"> <li>measurement range 0 - 100 mm</li> <li>resolution: 1 mm</li> <li>accuracy: ± 10%</li> <li>intensity and manual zero function</li> </ul> <p>FHR, FHR/UC and UC value and waveform visualization and printing</p> <p>Integrated thermal printer:</p> <ul style="list-style-type: none"> <li>2x folded thermal paper supply</li> <li>continuous printing, real-time and manual print features</li> <li>printing area 110 - 112 mm wide</li> <li>adhesive paper speed 1.2 and 1.5 mm/s</li> <li>professional paper with separate print area and scales for FHR, FHR/UC and UC</li> </ul> <p>Printed information input and extra storage capabilities</p> <p>Internal data storage</p> <p>Disturbance correction interface</p> <ul style="list-style-type: none"> <li>Display: LCD 8.4 inches, and control panel visualizing all working parameters, signals (signal quality, audio settings, FHR, FHR/UC, PM) with waveforms, alarms, power supply, battery status and connection message</li> <li>Automatic self-test</li> <li>Audio-visual alarms for FHR and FHR/UC (low-high, adjustable thresholds, with alarming features), loss of signal, battery and power supply time, overtemperature and customer errors</li> </ul>	<p>Cardiotocographs will be installed in county hospital for monitoring of fetal well being in the complicated pregnancies. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.</p>	\$15,611.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>200 units of <i>Bed, labor delivery, with accessories</i></p> <p>Technical specifications:</p> <ul style="list-style-type: none"> <li>Bed/labor and delivery, 2-section.</li> </ul> <p>All sections fit with padded mattress, entirely detachable furnished for easy cleaning</p> <p>Mattress covers removable via side straps</p> <p>Transfer base corrects all lower third portion of the 4 supports, providing maximal structural strength</p> <p>Body section</p> <ul style="list-style-type: none"> <li>Mounted on sturdy supports, all finished with height adjustable feet</li> <li>Pubic base crutches are height and width adjustable, set with robust clamps with heavy knobs</li> <li>Strap of the crutch handles is steel rod and welded to the frame of the bed</li> <li>Leg section</li> <li>Mounted on swivel casters, heavy duty, all 4 with brakes</li> <li>This section can be lowered and retracts entirely under the body section</li> <li>When fully extended, both the body and leg section align to perfectly flat surface.</li> <li>Material: <ul style="list-style-type: none"> <li>High resistance to corrosion (medical environment).</li> <li>Frame: epoxy coated tubular steel</li> <li>Adjustable feet: rubber or nylon</li> </ul> </li> <li>Bedside frames for the base crutches: tubular steel, welded to the bed frame</li> <li>Recessed track and guiding wheel for the leg section are smoothly finished for easy in/out sliding</li> <li>Mattress: high density polyurethane foam, density 30 kg/m<sup>3</sup></li> <li>Cover: plastic, flexible, highly tear resistant, anti-static, flame retardant, disinfectant- and liquid proof, washable</li> <li>Caster: floor-brake, steel or nylon</li> <li>Caster: track: steel lock type (w/lock and rotational lock)</li> <li>Caster: wheel: single wheel, multi-on type, non-braked for easy maintenance</li> <li>Wheel bearing: sealed bearing on the swivel and the wheel</li> <li>Swivel: in ball-bearing</li> </ul> <p>Dimensions:</p> <ul style="list-style-type: none"> <li>Body section, including mattress: 120x180x100 (L*W*H)</li> <li>Leg section, including mattress: 60-71 x 74-70 x 82 - 87 cm (L*W*H)</li> <li>Frame: 100x100x100, access: 2,20m (bed height)</li> <li>Swivel castor wheel: 2,2-2.4 x 8-8.5-10.3 cm (cm x diameter)</li> <li>Mattress: 60x180 cm</li> <li>Accessories: 100x200 bed</li> </ul>	<p>The delivery beds will be used for pregnant women in the 10 county hospitals and 250 RI hospitals for conducting the normal deliveries. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 2000 pregnant women annually.</p>	\$58,497.40	China	Ningbo, Sea Port, China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>200 units of <i>Examination table, with accessories</i></p> <p>Technical specifications:</p> <ul style="list-style-type: none"> <li>Examination light, halogen mobile, AC powered</li> <li>Technical specifications: <ul style="list-style-type: none"> <li>Mobile examination light, mounted on a base with 4 swivel casters and 2 brakes</li> <li>Low: center of gravity, stable construction</li> <li>Halogen light source, single lamp 12, 40 - 50 W (depending on the available model)</li> <li>Color temperature: 3,000 - 4,000 K (depending on the available model)</li> <li>Spot field of view: 20 degree light beam with adjustable focus (depending on the available model)</li> <li>Fluorescence light 40,000 - 50,000 lm, at 5 m (depending on the available model)</li> <li>Table: steel, light load, mounted on adjustable flexible arm</li> <li>Light head height range: 100 - 140 cm</li> <li>DC/AC switch and electronic transformer incorporated</li> <li>Power requirement: 230 V, 50 Hz</li> </ul> </li> </ul>	<p>The examination light will be installed in county hospital operation rooms for use in examination and during surgery of patients and maternity wards in 10 county hospitals and 250 RI hospitals. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually, while RI hospitals estimated to have approximately 500 to 700 pregnant women</p>	\$208,520.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health	Emergency Obstetric and Neonatal Care Equipment	<p>500 units of Vacuum extractor. Hand (manual), complete set</p> <p>Technical specifications: Vacuum extractor system to assist vaginal deliveries Hand-operated suction pump requires the vacuum extraction All parts can be disassembled and are interchangeable at 120°C Requires no specific maintenance or storage conditions</p> <p>System is supplied as a complete set with: 2 x Bell-type vacuum suction cups, stainless steel; diameter 50 and 60mm rounded edges 2 x Soft vacuum extractor cups "soft-cup"; diameter 50mm and 60mm 2 x Extractor handle, stainless steel 1 x Cover plug for collection bottle with 3 holes 1 x Connector angled, chrome plated 1 x Connector angled with screw valve, chrome plated screw, cap and gasket 1 x Vacuum gauge 0 to -100 kPa, 500mmHg with strength connector, chrome plated 1 x Vacuum bottle, plastic, 500ml 1 x epoxy coated basin, for basin and the suction pump 2 x Tube, silicone transparent, inner diameter 6-11mm, length 50 and 150cm</p>	Vacuum extractor is the equipment to assist delivery of a baby the second stage of labor if it has not progressed adequately or in the cases of fetal distress when a caesarean section operation cannot be performed. The instruments will be installed in the 10 county hospitals and 250 Ri Hospitals. 1 county are expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.	\$125,000.00	Denmark	Aarhus seaport, Denmark	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>60 units of Pump, suction, foot-operated.</p> <p>Technical specifications: Pump, suction, hand or foot-operated. Double piston provides rapid back-up of vacuum and guarantees stable flow. Can be foot or hand operated. Steady movement of the piston generates suction every time one side is depressed. Pump can be disassembled entirely, is easy to clean, disinfect and sterilize. (All parts can be autoclaved at 121°C.) All parts are manufactured from high-strength, durable material, that does not require specific maintenance or storage conditions.</p> <p>Knock-down construction. Supplied with clear instructions / diagrams for use and assembly in 3 languages (English, French and Spanish), and with a list of accessories / parts. Pump chassis is complete with valve, diaphragm, manifold pipe. Suction cover, cylinder with draw down lock and valve diaphragm. Piston ring, O-ring, metal with retaining spring. Vacuum, maximum: 60 kPa (450 mmHg / 400 mmHg) Inlet: 30 - 60 L/min (at two operating modes per second). Capacity of collection container: 900-1100 ml. Suction tube: 9-11 mm (inner diameter), 120-140 cm (length). Supplied with angled connector and combination suction tip. Operating temperature range: -20 °C to +50 °C.</p> <p>Materials: Equipment plastic: polycarbonate or equivalent Suction cover: thermoplastic rubber or equivalent Manifold pipe: polypropylene or equivalent Gasket, O-ring and valve diaphragm: silicone rubber or equivalent Piston ring: silicon or equivalent Foot pedal: aluminum or equivalent Other metal parts: nickel plated brass and stainless steel or equivalent. Suction tip: acetal or equivalent. Suction tube: silicone rubber or equivalent.</p> <p>Pump overall dimensions (without suction tube): 181-220(L) x 81-105(W) x 130-160(H) mm.</p>	Suction Pumps are used for clearing the secretions in the mouths and throat of the newly delivered babies and clearing their airways for respiration. These will be installed in county hospitals which are expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 2000 pregnant women annually.	\$2,350.00	Denmark	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>500 units of Table, instrument, Mayo type, stainless steel, on casters</p> <p>Technical Specifications: Inclinable height adjustable instrument table, Mayo type. Heavy carriage mounted on 4 wheel casters, of which two with brake and 4 with anti-static wheel. Support column table on casters, inclination providing under low clearance table (e.g. operating table). Both casters with brake mounted at the short side of the base. Inclination lever allows setting table up or down and height. A brake prevents exceeding the maximum height setting. Upper section: 60 x 60 cm (width) x 100 cm (depth) x 100 cm (height). Inclinable: 0° to 90° (width) x 100 cm (depth) x 100 cm (height).</p> <p>Materials: High resistance to corrosion (typical air treatment). Frame and tray: Austenitic stainless steel 18/10. Caster frame bracket: steel or nylon. Caster brake: steel back type (rubber and stainless steel). Caster wheel: single wheel, metal on tyre, non bonded (for easy maintenance), anti-static (for 4). Wheel bearing: sealed bearing in the wheel and the wheel. Inclined in ball-bearing.</p> <p>Dimensions: Height adjustable: 72-80 -108-132cm Upper tray 60x60-62x64-64x64 cm (l x w x h) Thickness tray: 5 mm Frame: 3cm (outside, across), 1.35-1.5mm (thickness) Inclined casters wheel: 5.25 x 7.5 cm (w x diameter) Carrying capacity: 60kg. Knockdown construction: Yes</p>	A Mayo or criss table, a small pedestal-type table on wheels, is used during surgery to keep required instruments near the operating field. The table will be used in the county hospital operation room for gynaecological and obstetrical surgeries as well as other general surgeries. The county hospitals are expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 2000 pregnant women annually. The equipment will also distributed to Ri Hospitals for the maternity ward with Emergency Obstetric Care capacity to treated complicated delivery; one ri hospitals serve catchment population around 1000 to 2000 people with 100 to 200 pregnant women	\$52,260.00	china	Ningbo, Sea Port China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>500 units of Table, gynecology, delivery, with accessories</p> <p>Technical specifications: Gynecological examination and delivery table, 3 sections. Inclined on 4 casters supports, all fixed with height adjustable feet All sections fixed with non-removable padded upholstery Incline mechanism allows for manual repositioning of all sections between gynecological and obstetric use Trays for breast connect all lower distal portions of the 4 supports, providing increased structural strength Inclined sections: Adjustable via secured pivot and gear mechanism, safe for patient and operator Pivotal sections: Can be tilted to Trendelenburg position with lever handle Slides of this section are 60 with vertical handgrip, length 20 cm Padded base, crutches are height and width adjustable, set with robust clamps with heavy knob Framing of the crutch holders is solid steel and welded to the frame of the bed This section integrates a support for a table-top basin-tray Leg section: Recesses entirely downwards, 60 degrees When elevated and fully extended, all sections align to perfectly flat surface.</p> <p>Materials: High resistance to corrosion (typical air treatment) Frame: epoxy coated tubular steel Adjustable base: rubber or nylon Inclined frames for the base: stainless tubular steel, welded to the bed frame Padded upholstery: high-density polyurethane foam, density 27-31 kg/m<sup>3</sup> Cover: plastic, flexible highly wear resistant, anti-static, flame retardant, disinfectant and liquid proof, washable Basis-tray: Austenitic stainless steel, 18/10</p> <p>Dimensions: All 3 sections extended, including padding: 162-194x72-80x72-80cm (l x w x h) Frame: 2.5 x 3.3cm (outside, across), 1.8-2.2mm (thickness) Padded upholstery: 4.5-7.5 cm (h) Carrying capacity: 135-160 kg Slide-out basin-tray, capacity: 4L</p> <p>Knockdown construction: yes</p>	This is an operation and delivery table to be used for pregnant women in the county hospitals. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.	\$61,617.40	china	Ningbo, Sea Port China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health Equipment	Emergency Obstetric and Neonatal Care	<p>10 units Sonos600ultrasound,si/w/acc</p> <p>infrastructure for diagnostic imaging applications: general abdomen, obstetric and gynecology, small parts, normal head and hip, cardio-vascular, urology and inter-operative</p> <p>High performance ultrasound scanner</p> <p>Dynamic imaging system: 2 probes, matching trolley and video-printer</p> <p>Compact and lightweight, easy to transport and position</p> <p>Adjustable keyboard with trackball and touch panel control (TPC)</p> <p>Parametric probe, electronically zoomed, convex and linear</p> <p>Imaging display monitor: 18 inch 16:10 and 14 inch 16:10</p> <p>Adjustable field-of-view, 6 level zoom</p> <p>Imaging technologies: Dynamic frequency imaging, multi-stage focusing, aperture control</p> <p>Depth-edge selection: convex sector image and linear image, 3 steps</p> <p>Image orientation: lateral and vertical inversion (in B mode)</p> <p>Freeze function with storage of approx. 25 images</p> <p>Measurements and analysis</p> <p>Calliper control: trackball</p> <p>Directed image: distance, area and circumference by ellipse and trace method, volume, ratio, gestational age, fetal weight, angle</p> <p>Dimensional scale: user programmable</p> <p>M-mode: velocity, time interval, depth, heart rate, LV function</p> <p>Alpha-matrix &amp; graphics</p> <p>Text annotation and body markers</p> <p>Automatic display of date and time, focal point setting, image orientation indicator, image scrolled position, distance scale mark</p> <p>Hi-contrast time mark, grey scale for calibration</p> <p>High resolution B/W monitor, approx. 25 cm diagonal (active), equal to 17 inch, 16:10 with reflective filter</p> <p>Image grey scale: 256 levels</p> <p>Video output: 625 lines/frame</p> <p>Two monitor ports: two 2 probes permanently available, electronic switch between probes</p> <p>Data communication interface: RS232, BNC, IEEE, USB or equivalent</p> <p>Power supply: 220 V / 50 Hz</p>	<p>The Ultrasound scanners will be installed in county hospital maternity wards for diagnosis of complications during pregnancy, general abdominal diseases, gynecological examination, measuring neonatal head circumference and hip width. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.</p>	\$35,666.50	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health Equipment	Emergency Obstetric and Neonatal Care	<p>10 units ECG recorder,si/w/acc</p> <p>ECG recorder (ECG) digital recorder and recorder, 12-lead detection, multi-lead recording, portable, AC and battery powered, with printer and accessories.</p> <p>TECHNICAL</p> <p>SPECIFICATIONS</p> <p>ECG diagnostic monitor and recorder, with printer</p> <p>ECG analysis and full interpretation (rhythm and events), real-time and stored</p> <p>3- or 6-channels recording, depending on the available model</p> <p>ECG features</p> <p>ECG model: derivations AVR, aVL, aVF, I, II, III and V1 - V6</p> <p>ECG mode: 12-lead acquisition</p> <p>ECG acquisition and visualization modes</p> <p>ECG gain: 2.5, 5, 10, 20 mm/mV and Auto, accuracy ± 5 %</p> <p>ECG rate: 0.1 to 200 mm/s (max speed of record)</p> <p>HR range: 30 - 300 bpm with rhythm analysis</p> <p>Current-Medical-Recognition-Error (CMRE) = 0</p> <p>Frequency response (minimum guaranteed): 0.05 - 150 Hz</p> <p>Accuracy of input signal reproduction: ± 3 % (according to 4.2.7.1 of IEC 60601-1)</p> <p>Calibration signal: 1 mV ± 5 %</p> <p>Input impedance: &gt; 2.5 MΩ or &gt; 50 MΩ, depending on the available model</p> <p>Internal noise level: &lt; 15 µV (p-p)</p> <p>Current leakage to the patient: &lt; 10 microA</p> <p>Automatic defibrillation protection</p> <p>Auto save feature</p> <p>Self-test/defibrillation filter: baseline correction and Baseline Drift Removal (BDR), AC (noise frequency suppression), Muscle Artifact (EMA) Rejection and AC Defibrillation protection, baseline recovery &lt; 1 s after defibrillation</p> <p>Built-in printer</p> <p>Thermal printing head</p> <p>Automatic and manual print (selectable modes, ECG traces and reports)</p> <p>1 or 6 channel recording, depending on the available model</p> <p>paper speed (minimum guaranteed): 5, 15, 25 and 50 mm/s, accuracy ± 5 %</p> <p>compatible with roll and Z-folded paper (80 mm)-channel, 110 mm (6-channel)</p> <p>Integrated keyboard</p> <p>Patient data input</p> <p>Internal storage for patient data, exams, analysis, interpretations and settings</p> <p>Data and report export feature</p> <p>Diode LED and network interface</p> <p>Display: backlit color TFT LCD, 5 - 8 inch diagonal depending on the available model</p> <p>Visualization of ECG channels, patient data, time, date, settings, multi-dimensional history, exams, custom measures and alarms</p>	<p>Electrocardiogram will be installed in county hospitals maternity ward for the management of pregnant women with heart diseases and monitor the prognosis. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.</p>	\$9,840.10	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health Equipment	Emergency Obstetric and Neonatal Care	<p>200 units of Infant administration bottle carrier</p> <p>Technical Specifications</p> <p>Adjustable height adjustable infusion stand</p> <p>Heavy carrying mounted on 4 wheel casters</p> <p>Lower end support column is deep and securely fixed into the carrying base</p> <p>Solid manual lever at the upper end of the support column, allows setting telescopic upper part at the required height</p> <p>A brake prevents ascending the maximum height setting</p> <p>Disable lock fixed at the top of telescopic rod</p> <p>Material</p> <p>High resistance to corrosion (tropical environment)</p> <p>Support and telescopic column: anodized aluminium coated 18/10</p> <p>Carriage base: single, medical anti, polypropylene</p> <p>Caster: four/brake, polypropylene or nylon</p> <p>Wheel bearing: nylon</p> <p>Caster fixation into carriage base: stainless steel</p> <p>Dimensions</p> <p>Height adjustable: 115-225cm</p> <p>Carriage base, diameter: 36-46cm</p> <p>Support column: 3, 2 cm (outside, across), 1-1.5mm thickness</p> <p>Telescopic upper part: 2.5 cm (outside, across), 1-1.5mm thickness</p> <p>Internal column: inner-hole: 46/46cm (ø diameter)</p> <p>Carrying capacity: 10 kg</p> <p>Shock absorber: constructive: yes</p> <p>Items supplied with</p> <p>1 a complete set of tools required for assembly</p> <p>Set of accessories and parts</p> <p>Detailed step-by-step instructions for assembly and safe use, user-free</p>	<p>The infusion stand is a hanger used for giving injectable medicine including antibiotics, IV fluids and other drugs to patients including the pregnant women during management and treatment in the public hospitals, the equipment will be distributed to 10 county hospitals and 250 ri hospitals. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually. Ri Hospitals serve catchment population around 10,000 with 500 to 700 pregnant women.</p>	\$20,371.00	China	Ningbo, Sea Port China	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health Equipment	Emergency Obstetric and Neonatal Care	<p>200 units of Scale,physicshabshabmetre-2-10kg</p> <p>Mechanical adult weighing scale, for use up to 10kg with 100g precision, with hand pole. Note: (If models are required with deviating specifications, such as higher measuring ranges, or better graduation, contact UNICEF Supply Division, BRT for assistance)</p> <p>TECHNICAL SPECIFICATIONS:</p> <p>Non-type mechanical scale for adults</p> <p>Measuring range: from 5 up to a maximum of 10kg</p> <p>Minimum graduation: 10g</p> <p>Reading time in seconds: &lt; 15 seconds</p> <p>Reading in metric (kg)</p> <p>Display: easily readable in low light working situation, black coloured numbers on silver surface. Can be read from both sides.</p> <p>With zero reset adjustment possibility</p> <p>With stabilizing mechanism for faster reading of results</p> <p>Adjustable feet allow for horizontal levelling</p> <p>Hand pole attached</p> <p>No height measuring rod included</p> <p>Materials</p> <p>Mechanism and other vital parts are made of cast-steel materials</p> <p>Force-measuring parts shall be treated with a rust inhibitor against corrosion, plastic parts shall be UV resistant, preferably acrylonitrile butadiene styrene (ABS) or similar</p> <p>Body: metal only (stainless steel or epoxy coated steel)</p> <p>Calibration screw: stainless steel</p> <p>Body and mechanism are splash proof, shock resistant</p> <p>Design allows a simple handling</p> <p>Smooth surface and finishing allow easy cleaning and disinfection</p> <p>Easy maintenance and repair in low-tech settings possible</p>	<p>The scales are to be used in the county hospitals for assessing the weight of the patients admitted to the Gynaecological wards as well as other medical units in the hospitals for the calculation of doses of different medicine as well as assessing the progress of treatment, the equipment will be distributed to 10 county hospitals and 250 ri hospitals.</p>	\$34,382.40	Denmark	Aarhus airport, Denmark	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health	Emergency Obstetric and Neonatal Care Equipment	<p>500 mm Scale,infant,0.05mm,range 10kg x 1kg</p> <p>Mechanical infant scale, beam-type, for use up to 10kg with 10g precision, with splash cover</p> <p>Used for weighing infants in the context of growth monitoring.</p> <p><b>TECHNICAL SPECIFICATIONS</b></p> <p>Biometric mechanical scale for infants</p> <p>Measuring range: 0-10kg</p> <p>Minimum graduation: 5g</p> <p>Reading time in seconds: about 30 seconds</p> <p>Rescales in metric (kg)</p> <p>Display: easily readable in low light working situation, signal white coloured numbers on black surface.</p> <p>With easy reset adjustment possibility.</p> <p>With stabilizing mechanism for faster reading of results.</p> <p>Removable control tray.</p> <p>Adjustable feet allow for horizontal levelling.</p> <p>Blind or rounded level handle with indication of centre.</p> <p><b>Materials</b></p> <p>Mechanics and other vital parts are made of steel/powder materials</p> <p>Tray: powder-coated, light grey colour</p> <p>Forming parts shall be treated with a rust inhibitor against corrosion.</p> <p>Plastic parts shall be UV resistant, preferably acrylonitrile butadiene styrene (ABS) or similar.</p> <p>Body: steel only (resistant steel or epoxy-coated steel).</p> <p>Calibration screw: stainless steel</p> <p>Body and mechanics made of splash-proof, shock resistant and light-weight</p> <p>Design must allow rough handling.</p> <p>Smooth surface finishing must allow easy cleaning/disinfection.</p> <p>Easy maintenance and repair in low-tech settings must be possible.</p> <p><b>ITEMS SUPPLIED WITH</b></p> <ul style="list-style-type: none"> <li>- Splash-proof cover</li> <li>- User instruction, contact details for repair service and contact details for recalibration services in English, French and Spanish.</li> <li>- User instruction in pictograms.</li> </ul> <p><b>For information about necessary consumables and tools/instrumen in English, French and Spanish</b></p>	The scales are to be used in the pediatric departments of the county hospitals for carrying out the nutritional assessment of the suspected malnourished children as well as for the calculation of doses of different medicine as well assessing the progress of treatment.	\$19,614.40	Denmark	Aarhus seaport, Denmark	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>10 units of external defibrillator for adult and paediatric patients, with ECG monitor and printer, synchronous and bi-phasic, portable, AC and battery powered defibrillator</p> <p><b>TECHNICAL SPECIFICATIONS:</b></p> <p>External defibrillator with ECG monitor</p> <p>Suitable for adult and paediatric patients</p> <p>Hospital with adult and paediatric push buttons</p> <p>Non-directional push, suitable for bi-phasic biphasic waveform</p> <p><b>Defibrillator features:</b></p> <ul style="list-style-type: none"> <li>Manual and synchronized defibrillation</li> <li>Bi-phasic energy waveform</li> <li>Energy output range 2 - 200 J or 2 - 360 J, depending on the available model</li> <li>Adjustable energy range, by step</li> <li>Minimum guaranteed energy levels (including lowest, middle and highest values): 11 levels in the range 2 - 200 J, additional 270 J and 360 J levels depending on the available model</li> <li>Energy output accuracy <math>\pm 13\%</math></li> <li>Printer resolution 30 x 175 dots (minimum guaranteed range)</li> <li>Lead composition, energy level automatic adjustment to patient impedance</li> <li>Adult and paediatric energy settings</li> <li>Charge time to maximum energy <math>&lt; 10</math> s (main power supply and battery charged)</li> </ul> <p><b>ECG monitor:</b></p> <ul style="list-style-type: none"> <li>Detection through push or dedicated ECG cable</li> <li>ECG waveform and analysis, selectable visualization modes</li> <li>3-lead ECG cable</li> <li>ECG gain 2.5, 5, 10 and 20 mV/div (minimum guaranteed)</li> <li>Protection against defibrillation discharges</li> <li>Adjustable ECG print mode and settings (lead-time, manual)</li> </ul> <p><b>Printer:</b></p> <ul style="list-style-type: none"> <li>Built-in 3-channel thermal printer</li> <li>Print of ECG curves and analysis, events, settings and status</li> <li>Paper speed 25 mm/s (additional 50 mm/s depending on the available model)</li> <li>Paper width 50 or 72 mm, depending on the available model</li> <li>Thermal safety discharge feature (if stock is not delivered)</li> <li>Compatibility with additional modes and monitoring features, not included (SABD, AED and pace mode, SpO2)</li> </ul> <p><b>Internal storage for ECG, events (at least 500 or 60 min monitoring) and parameters</b></p> <p>Bluetooth communication interface</p> <p>Integrated control panel with all parameters and controls</p> <p>Display, backlit full panel, 5 - 8 inch diagonal depending on the available model</p> <p>Visualization of defibrillation mode, energy, ready-charging state, ECG curves and heart rate, date/time, settings, main and battery status, system messages and alarm</p> <p>Audio-visual alarm for push connection, main/battery power or supply status, paper and printer status, system errors</p> <p>Automatic and manual self-test, continuous check of push and electrode connection</p> <p>Automatic switch to battery in case of power failure, automatic recharge on connection to mains</p> <p>Integrated battery charge and transmitter</p> <p>Rechargeable/rechargeable battery</p> <p>Battery autonomy <math>&gt; 100</math> discharges at 200 J or 3.3 monitoring</p> <p>Integrated carry handle</p> <p><b>Setup and check routine</b></p>	The external defibrillator will be installed in county hospital especially in maternity wards / operation theatre for treating mother experience sudden heart stoppage. County hospital is expected to serve a catchment population of more than 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually.	\$45,558.40	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>200 units of pulse oximeter, spot-check, with accessories</p> <p><b>Product Description</b></p> <ul style="list-style-type: none"> <li>Easy-clip pulse oximeter integrated into finger-clip</li> <li>Robust shock resistant design allows use in demanding environments</li> <li>Suitable for professional clinical use, all patient categories, neonates, infants, adult</li> <li>Accommodate finger-clip thickness 4 to 23mm</li> <li>Spot-check of arterial blood oxygen saturation (SpO2) and heart rate (HR)</li> <li>One-button operation, auto-off when not in use for 30 seconds</li> <li>Clip with extended side display eliminates ambient light from the measurement</li> </ul> <p><b>Measuring range</b></p> <ul style="list-style-type: none"> <li>SpO2 50 to 100% (minimum graduation 1%)</li> <li>HR 20 to 250bpm (minimum graduation 1bpm)</li> </ul> <p><b>Operational accuracy</b></p> <ul style="list-style-type: none"> <li>SpO2 <math>\pm 2\%</math>, in the range from 70 to 100%</li> <li>HR <math>\pm 2\%</math>, in the range from 30 to 250bpm</li> </ul> <p>Easy readable display shows operational status, SpO2, HR, signal strength (bar graph) and battery status</p> <p>Device reports, with audio-visual alert on operational status, SpO2-90%, sensor malfunction and loss of signal</p> <p>Operating temperature 0 to 40°C, humidity 15 to 95% RH</p> <p>Dimension, approximately 140x50x15 (x1 x h)</p> <p>Weight, approximately 70g</p> <p>Power requirements two 1.5V AAA(LR03) batteries</p> <p>Power consumption, approximately 0.01 W, allowing for approximately 500 ten seconds spot-checks</p>	the pulse oxymeter is equipment to use for monitoring oxygen saturation level in blood for pregnant women during delivery, the equipment will be distributed to 10 county hospitals and 250 rt hospitals. County hospital is expected to serve a catchment population of 100,000 people and provide delivery services for an estimated 5000 to 7000 pregnant women annually. Rt Hospitals serve catchment population around 10,000 with 500 to 700 pregnant women.	\$8,629.40	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health	Emergency Obstetric and Neonatal Care Equipment	<p>10 units of Neonatal incubator, double-wall, electronic, automatic, mobile, with accessories</p> <p><b>GENERAL SPECIFICATIONS:</b>          Double-wall neonatal incubator, mobile          Electronic servo-controlled and manual control          Steady construction, mobile base with 4 anti-static casters and 2 brakes          Cylinders with 2 drawers, integrated in the base          Dials handles for easy viewing          Protective side-curtain bumpers          Mobile and corrosion resistant frame          Suitable for frequent and easy disinfecting and cleaning          Solid casters, IV pole and measurement shelf</p> <p><b>Capacity:</b>          double-wall          radio-temperature          dimensions 43 W x 40 L x 43 H cm (minimum guaranteed)          inclined frame, with access door and 2 port holes          2 rear port holes          4 (max) openings for cables and tubing          Infant incubator and clear port-hole operation</p> <p><b>Monitors:</b>          tilting ± 12 degrees          dual entrance tray</p> <p><b>Model:</b>          manual          servo-controlled, air temperature          servo-controlled, skin temperature</p> <p><b>Air temperature setting:</b> 25 – 37 °C, override up to 39 °C, with 0.1 °C increments  <b>Temperature variability (the median between set and read values):</b> ± 0.5 °C  <b>Temperature uniformity (at medium level):</b> ± 0.4 °C  <b>Skin temperature setting:</b> 34 – 36 °C, override up to 38 °C, with 0.1 °C increments  <b>Skin temperature sensor accuracy:</b> ± 0.3 °C</p> <p><b>Humidifier with integrated water chamber, positive non-adjustable (expansion chamber) or servo-controlled adjustable humidifying system (up to 95 % relative humidity) depending on the available incubator model</b>  <b>Warm-up time to 37 °C in 22 °C ambient temperature):</b> 30 min  <b>Air velocity over the bed:</b> 0.35 m/s  <b>Air filter capacity at inlet:</b> 99.9 % particles &gt; 0.3 µm  <b>Filter level inside the incubator:</b> 59 dB  <b>Automatic self-test and continuous system monitoring</b>  <b>Control panel and display: visualization of settings and measured parameters</b>  <b>Audio-visual alarms for skin/air temperature, volume, fan, heater, system functionality</b>  <b>Power requirements:</b> 110 – 220 V / 50 – 60 Hz  <b>Power consumption:</b> 600 – 730 W</p>	incubator is equipment to treat newborn care with low birth weight and other complication to avoid hypothermia, the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	593,835.20	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>10 Units of Infusion Pump with accessories (S8000S) GENERAL DESCRIPTION:          infusion pump, volumetric, single channel, AC and battery power cord, with accessories</p> <p><b>TECHNICAL SPECIFICATIONS:</b>          Infusion pump, volumetric, portable, for IV fluids infusion, single channel          Peristaltic pump, continuous delivery          Suitable for oral and IV pole mount          Programmable infusion by volume, time and flow rate          Flow rate range 1 – 1200 (maximum guaranteed) mL/h, 1 mL/h step, accuracy ± 5 %          Volume limit range 1 – 9,999 mL, 1 mL step          Stop system, compatible with commercial infusions sets          Bubble program, range 100 – 900 mL/h          KVO program, 1 mL/h for infusion rate &lt; 10 mL/h and 3 mL/h for infusion rate &gt; 10 mL/h          Air bubble detection</p> <p><b>Occlusion detection</b>          Display and control panel with visualization of all working parameters (program, volume, flow, time) and system messages          Audio-visual alarms, with silencing feature, for: occlusion, air-in-line, door open, status and end of infusion/program, battery/power supply status and failure, system errors</p> <p><b>Automatic self-test function</b>          Battery and AC powered, with automatic switch between modes and automatic recharge when connected to mains          Battery autonomy &gt; 8 h (at 30 mL/h)          Integrated battery charger          Steady construction, splash and shock proof, plastic enclosure          Power requirements 110 – 220 V / 50 – 60 Hz          Power consumption 23 W</p> <p><b>ITEMS SUPPLIED WITH:</b>          1 x set of 10 infusions sets          1 x set of IV pole mounting clamp          1 x spare battery pack          Instructions for assembly, use and maintenance in English, French and Spanish</p> <p><b>ESTIMATED LEAD TIME:</b>          12 weeks to FCA participation in Europe</p> <p><b>INSTALLATION REQUIREMENTS:</b>          Recommended</p> <p><b>USER TRAINING REQUIREMENTS:</b>          Strongly recommended</p> <p><b>TECHNICAL TRAINING REQUIREMENTS:</b>          Strongly recommended</p> <p><b>MATERIAL SAFETY DATA SHEET INFORMATION (MSDS):</b>          Depending on model          Ni-MH (Nickel-Metal Hydride) battery, UN 3496 Class 9 for sea transport, Packing Group not assigned, shipping name "Batteries, Nickel-Metal Hydride"          or          Li-Po (Lithium-Polymer) battery, UN 3480 – 3481 Class 9, Packing Group II, shipping name "Lithium Ion Batteries" for UN 3480 or "Lithium Ion Batteries packed with supports" / "Lithium Ion Batteries contained in equipment" for UN 3481</p>	infusion pumps is a equipment for emergency newborn care to providing accurate fluid infusion for newborn baby with complication including low birth weight, asthma etc. the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	58,300.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p>10 Units Syringe Pump with accessories (S8000S) GENERAL DESCRIPTION:          Syringe pump, single channel, AC and battery powered, with accessories</p> <p><b>TECHNICAL SPECIFICATIONS:</b>          Syringe pump, portable, for IV fluids infusion, single syringe          Continuous delivery, piston driven          Suitable for oral and IV pole mount          Compatible syringes: 0.5, 20, 30, 50 and 60 mL          Automatic syringe capacity detection          Stop system, compatible with commercial syringe sets          Programmable infusion by rate, time, flow and dose (patient body weight and drug concentration with automatic calculation) and with syringe capacity selection          Flow rate range, programmable:          0.1 – 400 mL/h for 50 mL syringe, 0.1 mL/h step          0.1 – 400 mL/h for 20 – 30 mL syringe, 0.1 mL/h step          0.1 – 400 mL/h for 50 – 60 mL syringe, 0.1 mL/h step          Accuracy ± 2 %          Volume limit range 0.1 – 999.9 mL, programmable, with 0.1 mL step          Time limit range 1 – 1,999 min of operation          Bubble program, maximum volume 25 mL at syringe capacity whichever higher          Bubble range:          00 – 300 mL/h for 10 mL syringe          10 – 400 mL/h for 20 – 30 mL syringe          10 – 1200 mL/h for 50 – 60 mL syringe          KVO program, 1 mL/h</p> <p><b>Programmable infusion by patient body weight, drug concentration, with automatic calculation</b>  <b>Occlusion detection:</b> 3 detectable levels</p> <p><b>Display and control panel with visualization of all working parameters (program, volume, flow, time, dose, patient data) and system messages</b>  <b>Audio-visual alarms, with silencing feature, for: occlusion, plunger and syringe error, status and end of infusion/program, low capacity, empty syringe, battery/power supply status and failure, system errors</b></p> <p><b>Automatic self-test function</b>          Battery and AC powered, with automatic switch between modes and automatic recharge when connected to mains          Battery autonomy &gt; 8 h (at 30 mL/h)          Integrated battery charger          Steady construction, splash and shock proof, plastic enclosure          Power requirements 110 – 220 V / 50 – 60 Hz          Power consumption 23 W</p> <p><b>ITEMS SUPPLIED WITH:</b>          1 x set of 10 syringe sets          1 x set of IV pole mounting clamp          1 x spare battery pack          Instructions for assembly, use and maintenance in English</p> <p><b>ADDITIONAL ACCESSORIES AND EQUIPMENT, NOT SUPPLIED:</b></p> <p><b>ESTIMATED LEAD TIME:</b>          12 weeks to FCA participation in Europe</p> <p><b>INSTALLATION REQUIREMENTS:</b>          Recommended</p>	Syringe Pumps is equipment for emergency newborn care to providing accurate fluid infusion for newborn baby with complication including low birth weight, asthma etc. the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	59,200.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.



Health	Emergency Obstetric and Neonatal Care Equipment	<p><b>10 unit Photo Therapy (S00252) GENERAL DESCRIPTION:</b> Phototherapy unit, overhead, suitable for the treatment of neonatal hyperbilirubinaemia. AC powered, with accessories.</p> <p><b>TECHNICAL SPECIFICATIONS:</b> Mobile phototherapy unit with overhead CFL blue light lamp for treatment of neonatal hyperbilirubinaemia Sturdy and stable vertical base, with 3 or 4 service outlets and 2 breakers Adjustable height and angle with telescopic pipe stand 1.50 - 1.75 m Fluorescent pole stand side-mounted, suitable to fit over cradles and incubators Single head, overlying 260 W x 470 L mm (minimum guaranteed dimensions) Mesh grid/plastic cover protection of the fluorescent tubes</p> <p><b>Lighting:</b> Compact fluorescent light (CFL) suspended CFL operating life 2,000 h Blue light 4 CFLs, 20 W each White light 2 CFLs, 13 W each Light wavelength 437 - 487 nm Irradiance (average flux per surface unit at skin level) <math>\geq 1.5</math> mW/cm<sup>2</sup> max or <math>\geq 0.4</math> W/cm<sup>2</sup> min, depending on the available model. Integrated therapy timer, countable Integrated continuous operating hour timer, countable Power requirements 220 V, 50 Hz Power consumption 100 W</p> <p><b>ITEM SUPPLIED WITH:</b> 2 x spare blue light CFL tube, 20 W 1 x spare white light CFL tube, 13 W 1 x set of spare fuses 1 x Plastic protective cover Instructions for assembly, use and maintenance in English, French and Spanish</p> <p><b>ESTIMATED LEAD TIME:</b> 12 weeks to ICA port airport in Europe</p> <p><b>INSTALLATION REQUIREMENTS:</b> Recommended</p> <p><b>USER TRAINING REQUIREMENTS:</b> Strongly recommended</p> <p><b>TECHNICAL TRAINING REQUIREMENTS:</b> Recommended</p> <p><b>MATERIAL SAFETY DATA SHEET INFORMATION (MSDS):</b> Not required</p> <p><b>WEIGHT/VOLUME:</b> Estimated Weight 23kg(packaged) Estimated Volume 1.5cbm(packaged)</p> <p><b>WARRANTY:</b> 12 months</p>	Photo therapy unit is equipment for emergency newborn care to for treatment of newborn baby with hyperbilirubinaemia. the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	\$16,900.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p><b>10 unit Warmer system (newborn/infant) with access (S002626) General Description:</b> Infant warmer, newborn, with accessories</p> <p><b>Product Description:</b> Mobile head-height overhead radiant warmer Sturdy and stable construction, with 4 service outlets, 2 with breakers Fixed-height overhead radiant heater with integrated examination light Overhead surface case, approximately 975d (900w x 915) Fixed height, approximately 1.8m Warmer cabinet mounted on the side of the wheel base, allows for positioning over basket traffic Side handles facilitate moving and positioning Overhead examination light 2x30W halogen spot, with dimming function Heating element ceramic heater with parabolic reflector protected by metal grid Vertical column emergency controls and display Nurse temperature control electronics (thermistor based) Main temperature pre-set device heater output on screen mode Pre-set skin temperature, range approximately 32 to 38C, maximum 0.1C accuracy skin temperature monitoring sensor <math>\pm 0.2^{\circ}\text{C}</math> Entry switch between servo and manual mode Manual mode, pre-set heater output 0 to 100%, in 10% increments Large LED display shows Heater output pre-set in Wan Main heater on manual Pre-set skin temperature Local skin temperature Air temperature System opens, with audio-visual alert on: operational status, malfunction (heater, skin sensor), skin temperature <math>\pm 0.1^{\circ}\text{C}</math> of pre-set value Power requirements 220V/50Hz Power consumption, approximately 300W</p> <p><b>Supplied with:</b> 1 x Reusable skin temperature probe, include connecting cable and plug 2 x Spare reusable skin temperature probes, include connecting cable and plug 1 x Spare ceramic heating element 2 x Spare halogen bulbs (30W) 1 x set of spare fuses 1 x Instructions for assembly, use and maintenance English, French and Spanish</p> <p><b>Instructions for use:</b> Newborn radiant warmer system can be used over any type of cradle or cot. To be used and maintained properly according manufacturer's instruction. Recommendation: will play shall be made available locally.</p> <p><b>Packaging &amp; Labeling:</b> Unit presentation: 1 (one) Warmer, newborn, infant, w/ access</p> <p><b>Weight/Volume:</b> Estimated Weight 45kg Estimated Volume 4.09m<sup>3</sup></p>	warmer system is a equipment for emergency newborn care to treat newborn baby with hyperthermia cause low birth weight, sepsis, etc. the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	\$10,680.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Emergency Obstetric and Neonatal Care Equipment	<p><b>10 unit table resuscitator, newborn, with access (S002035) GENERAL DESCRIPTION:</b> Neonatal resuscitator table, mobile, with servo and accessories</p> <p><b>TECHNICAL SPECIFICATIONS:</b> Mobile resuscitator table for neonatal patient, with warmer Sturdy construction, with 4 service outlets, 2 with breakers Side handles for easy moving Integrated support for 2 x 150 oxygen cylinders Side rail and IV pole for mounting accessories and equipment Fold-down cover for storage Side panels, transparent acrylic resin, collapsible foldable for complete accessibility Vertical column with controls and display Table: Surface 60 W x 76 L cm (minimum guaranteed dimensions) cushion covering the entire table surface, thickness 1 cm removes cover of flame-retardant, vapourproof and cleanable with hospital-grade disinfectant products Heating system overhead radiant heater: Good height radiant heating by quartz/ceramic elements, parabolic reflector and safety grid integrated cradle heating infrared heat distribution Lighting system: integrated in the overhead radiant heater: with 2 x halogen additional spot examination lights Modes: manual servo-controlled, electronic and driven by skin temperature pre-warming function Insant on rich between manual and servo modes Skin temperature setting 36 - 38.5°C, with 0.1°C maximum (servo mode) Skin temperature sensor accuracy <math>\pm 0.3^{\circ}\text{C}</math> Manual and pre-heating settings 10 - 90% by 10% steps AJP&amp;R timer Display panel, integrated in the column, variable working parameters and alarms Displayed parameters: mode (manual or servo), heating power (%), pre-set temperature, actual skin temperature, air temperature in the cradle Audio-visual alarms for skin temperature, heating system and sensors failure Power requirements 220 V, 50 Hz Power consumption 1,100 W</p> <p><b>ITEMS SUPPLIED WITH:</b> 1 x warmer 1 x installed and 2 x spare reusable skin temperature sensors, with connection cable and plug 1 x spare quartz/ceramic heating element 2 x spare halogen bulbs 1 x set of spare fuses Instructions for assembly, use and maintenance in English, French and Spanish</p> <p><b>ITEMS REQUIRED, BUT NOT SUPPLIED:</b> Patient monitoring equipment (physiological parameters monitor)</p>	newborn resuscitator table is specific table for conducting resuscitator for newborn baby. The equipment is equipped with warmer. the equipment will be placed in 10 county hospitals, with catchment population of 100,000 including 5000 to 7000 pregnant women	\$52,000.00	Netherlands	Rotterdam	Nampo port DPR Korea	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.



Health	IT Equipment	1 unit of server computer Brand: Dell RAM 16GB, HDD 4Tera*100GB, ECC 11.5T server CPU 16-core Power of DELL 2-bay Converter HDD 3.5" x 10 RAM 8GB x 10 220V, 90W Red Hat 7.2 installed. Device Driver CD	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$7,800.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of Server Rack Active for 2 server computers (IBM817)	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$980.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	20 units of Battery, 200A, Gel	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$4,000.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of AC-DC Converter, 8KW, Converter, Iron plate	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$600.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	4 units of Energy Converter Case 1: RAM 8G, HD 1Tera	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$3,040.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of Network Hub 40Gbps, 16 ports	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$164.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of LAN Cable, 100M box, 10 pairs	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$234.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of LAN Patch 16, 100Mbps box	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$60.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	1 unit of LAN Patch Set	Component for improvement of Logistic Information System (LIMS) infrastructure to be set up at CMW	\$50.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of Network Hub 10Gb, 2 Tera, 1680 W	Component for backing up of LIMS data at central, provincial and county level	\$1,440.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of AC/DC Converter, 8KW, Converter, Iron plate	Component for LIMS infrastructure to be set up at CMW as well as provincial and county medical warehouses Converters will be used to charge batteries in county medical warehouses	\$2,700.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of Protector and Screen	Component for LIMS infrastructure to be set up at CMW as well as provincial and county medical warehouses protectors will be used to facilitate the training	\$800.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	IT Equipment	2 units of Solar Battery System 100W, 10x167cm, cable, controller and connecting cable	Component to power the LIMS infrastructure to be set up at CMW as well as provincial and county medical warehouses	\$1,350.00	china	Dandong, China	Sinuju DPRK	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Vaccine cold chain equipment	100 units of Ice Line Refrigerators Vestfrost VLS 304 AC, every 10 units equipped with 1 spare parts. General Description: Main Power, Ice-lined Refrigerator for Storage of Vaccines Model: Vestfrost VLS 304A AC PQR ref. 1003 110 Technical specifications: Net vaccine storage volume: 96L Power requirement: 220-240V 50/60Hz or 100-127V 50/60Hz Refrigerant type: R600a Ambient operating temperature: Min: +5°C, Max: +43°C Frost Protection Grade: A Vaccine storage volume category: 3/5, <120L Supplied with: 1 Temperature Monitoring Device: A 30 day electronic temperature logger Reelinger Fridtag 2 complying with EN607 1700; 2 Voltage regulator: Stand-alone, Softlink, model SV5004-22 for 220-240V with 50/60 Hz or SV5004-11 for 100-127V with 50/60Hz input voltage; 3 Appliance as standard fitted with neutral-to-earth plug, power lead 1.5m 4 Lid with lock, plus 2 keys and 4 handles. Manuals: User, Installation and Technician's manual as outlined in PQR Specifications 10031B0311 will be supplied	Ice line refrigerator is electricity refrigerator for installation at the County Medical Warehouse storing the routine immunization program vaccines for around 355,000 children under 1 year of age and 362,000 pregnant women to protect them from vaccine preventable diseases.	\$127,966.00	Denmark	Aarhus seaport, Denmark	Via Dalian Port of China to Nampo port DPR Korea	Supplier Vestfrost A/S	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	Vaccine cold chain equipment	10 units of Ice Line Refrigerators Vestfrost VLS 304 AC, every 10 units equipped with 1 spare parts. General Description: Main Power, Ice-lined Refrigerator for Storage of Vaccines Model: Vestfrost VLS 304A AC PQR ref. 1003 112 Technical specifications: Net vaccine storage volume: 145L Power requirement: 220-240V 50/60Hz or 100-127V 50/60Hz Refrigerant type: R600a Ambient operating temperature: Min: +5°C, Max: +43°C Frost Protection Grade: A Vaccine storage volume category: 3/20L Supplied with: 1 Temperature Monitoring Device: A 30 day electronic temperature logger Reelinger Fridtag 2 complying with EN607 1700; 2 Voltage regulator: Stand-alone, Softlink, model SV5004-22 for 220-240V with 50/60 Hz or SV5004-11 for 100-127V with 50/60Hz input voltage; 3 Appliance as standard fitted with neutral-to-earth plug, power lead 1.5m 4 Lid with lock, plus 2 keys and 4 handles. Manuals: User, Installation and Technician's manual as outlined in PQR Specifications 10031B0311 will be supplied	Ice line refrigerator is electricity refrigerator for installation at the Province Medical Warehouse storing the routine immunization program vaccines for around 355,000 children under 1 year of age and 362,000 pregnant women to protect them from vaccine preventable diseases nationally.		Denmark	Aarhus seaport, Denmark	Via Dalian Port of China to Nampo port DPR Korea	Supplier Vestfrost A/S	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	vaccine cold chain equipment	10 units of VLS 304A AC, every 10 units equipped with 1 spare parts. General Description: Main Power, Ice-lined Refrigerator for Storage of Vaccines Model: Vestfrost VLS 304A AC PQR ref. 1003 110 Technical specifications: Net vaccine storage volume: 96L Power requirement: 220-240V 50/60Hz or 100-127V 50/60Hz Refrigerant type: R600a Ambient operating temperature: Min: +5°C, Max: +43°C Frost Protection Grade: A Vaccine storage volume category: 3/5, <120L Supplied with: 1 Temperature Monitoring Device: A 30 day electronic temperature logger Reelinger Fridtag 2 complying with EN607 1700; 2 Voltage regulator: Stand-alone, Softlink, model SV5004-22 for 220-240V with 50/60 Hz or SV5004-11 for 100-127V with 50/60Hz input voltage; 3 Appliance as standard fitted with neutral-to-earth plug, power lead 1.5m 4 Lid with lock, plus 2 keys and 4 handles. Manuals: User, Installation and Technician's manual as outlined in PQR Specifications 10031B0311 will be supplied	Electric Refrigerator for storing vaccine at County Medical Warehouses for around 355,000 children under 1 year of age and 362,000 pregnant women to protect them from vaccine preventable diseases.	\$130,000.00	Denmark	Aarhus seaport, Denmark	Via Dalian Port of China to Nampo port DPR Korea	Supplier Vestfrost A/S	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health	vaccine cold chain equipment	250 units of Active, with extra set of ice packs. General Description: ARCTIC VHC-5 Cold box, Long term storage vaccine storage capacity 5.4 litres. Cold life (at +4°C) 30 Days Technical Specifications: ARCTIC VHC-5 PQR Ref. 1003041 Vaccine storage capacity: 5.4 litres. Coldpacks: 4 units x 1 L Cold life, without opening: 30 Days at +4°C Main: UNICEF WFP Standard EN607 1700.1 Thermometer: Thermometers that use battery or photoelectric (light). Thermometers powered by a battery must use batteries with 5 year service life at -12°C. Accessories/Spare parts/Consumables: Items not of separate request	long term passive vaccine storage for storing vaccine at the lowest level of health facilities	\$859,983.75	China	Qingdao seaport Shandong, China	Nampo port DPR Korea	Aucma Co. Ltd	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	Solar power system	10 units of Solar panel/Watt, 100W, 18V, 100-40V, Input: 18V, 100-40V, Output: 18V, 100-40V, Size: 100x700mm, Glass: 3.2mm, Temporal: Contact type: 4-pin, Contact: 2-pin (parallel) 2 units of Inverter (18V/100W, Input: DC 18V, AC: 100-240V, Output: AC 220V, 40-60Hz) with controller suitable to inverter 1 unit of Inverter (18V/100W, Input: DC 18V, AC: 100-240V, Output: AC 220V, 40-60Hz) with controller suitable to inverter 40 units of Battery (12V/200Ah, dry) including tool mounting or ground mounting solar panel rack for installing solar panels	To ensure continuous power supply for equipment including incubator, refrigerator and molecular test machines. These solar power system will be provided to 2 Regional Reference TB Laboratories and 2 Provincial TB Preventive Institutes (Line Probe Assay available)	\$24,000.00	china	Dandong, China	Sinuju DPRK	to be identified after bidding process	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	IT Equipment	1 unit of server computer (case 7) 50 guarantee CPU: 1.6 GHz (with 8 CPUs) RAM: 64 GB 16TB-120	for e-data management in connection with NTP database to ensure timeliness, accuracy and consistency of reporting data from peripheries.	\$1,500.00	china	Dandong, China	Sinuju DPRK	to be identified after bidding process	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	Vehicle- Van	11 units of Van for mobile x-ray diagnosis. Model: Turbo Daily Van Vauxhall- only Van No: 1-11 Gross vehicle weight: 4000kg, Payload: 2100kg External dimensions (WxDH): 1900-2000-2700mm Internal dimensions of cargo hold (WxDH): 1700-1820-1820mm Engine (L/RO (lit)): Isuzu 60RDI 1400 43, high pressure and common rail, intercooler, 4 cylinders, 4 stroke diesel engine Fuel consumption: 9L/100km Max speed, power, torque: >105km/h, 125/3000rpm/min, 28.5/1900Nm/mm Fuel consumption: 11.0 L/100km Truck (tonnage): 1603/1540mm Max. turning circle diameter (m): 12.1 Max. Gross Clearance (mm): 255/222mm Max. Climbing gradient (%): 33 No-conditionally: 4000 Middle separation board between cab and cargo box: With Weather condition: Front left power window, front right power window, no window on cargo box and rear double door Std. Config.: Power steering, front passenger door, front disc and rear disc brakes, radio, mp3, 3-dimension adjustable driver seat, electrical window, rear double door	11 units of x-ray mobile van will be used at central and provincial TB preventive institutes to ensure regular active case (LTBI or active TB) finding activities undertaken among risk-population and in high risk areas.	\$455,000.00	china	Dandong, China	Sinuju DPRK	to be identified after bidding process	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.

Health (GF)	Vehicles Spare Part	<ul style="list-style-type: none"> <li>1 unit of 12V air pump or pump up a tire</li> <li>1 set of 12V electric lamp for headlight and tail light (1 set including lamp for high-low beam combination headlights; lamp for high beam/headlight and low beam headlight)</li> <li>22 sets of fan belt</li> <li>64 sets of anterior anti-check device</li> <li>1 set of anterior anti-lock device (not includes left/right ones)</li> <li>1 set of anterior fuel spray left/right</li> <li>4 set of automatic engine cooling fan</li> <li>1 set of battery 12V/60A</li> <li>1 set of thermostat (not includes front/rear bearing)</li> <li>11 sets of belts (120/220) used for fan and generator</li> <li>11 sets of belts (21-1245-23) for booster pump</li> <li>11 sets of belts (21-1205) used for air conditioner pump</li> <li>7 sets of brake lining</li> <li>2 sets of brake lining (1 set includes front/rear, left/right ones)</li> <li>4 sets of brake lining, brake pads (1 set includes front/rear, left/right ones)</li> <li>1 set of brake pad wear for front brake level</li> <li>1 set of brake pad wear (1 set including front/rear, right/left)</li> <li>7 sets of camshaft</li> <li>1 set of camshaft and camshaft chain</li> <li>9 sets of camshaft chain</li> <li>2 sets of clutch</li> <li>1 set of clutch lining &amp; drive bearing</li> <li>1 set of cool (air/water) compressor</li> <li>2 sets of cooling air compressor</li> <li>2 sets of cooling/heating air radiator</li> <li>4 sets of crank</li> <li>1 set of crank shaft bearing/bush/cam &amp; lugs one)</li> <li>4 sets of cross axle</li> <li>60 set of electronic jetting assembly</li> <li>24 set of electronic jetting device</li> <li>17 sets of engine ring</li> <li>1 set of ring light assembly</li> <li>1 set of front brake pad wear (1 set includes right for pad wear)</li> <li>2 sets of front engine cover</li> <li>2 sets of front stop bumpers</li> <li>1 set of front wheel hub bearings (1 set including left/right ones)</li> <li>1 sets of front wheel</li> <li>14 sets of fuel filter</li> <li>9 sets of generator</li> <li>4 sets of headlight &amp; tail light assembly including lamps</li> <li>22 sets of high pressure pump</li> <li>16 sets of high pressure pipe: 1.6100.20</li> <li>42 sets of high pressure pipe: 6.228.16</li> <li>60 sets of injection plug</li> <li>42 sets of injector assembly</li> <li>52 sets of jetting device; fuel spray nozzle</li> <li>11 sets of jetting device; injector assembly</li> <li>7 sets of fuel sprayer (front/rear, left/right)</li> <li>11 sets of multi-color engine oil filter</li> <li>46 bottles of antifreeze oil: 0.0L, 20L, 40L bottles</li> </ul>	These spare parts will be used for regular maintenance of vehicles which were previously procured by Global Fund for transportation of supplies for Malaria & TB control activities	china	Dandong, China	Sujuju DPRK	To be identified after bidding process	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.				
Health (GF)	Laboratory Supply	<ul style="list-style-type: none"> <li>1,150 bottles of 2N decoloration solution (ready-made decoloration solution 1.0% HCl/alcobol 6 x 1L kit)</li> <li>6,150 bottles of 2N decoloration solution (ready-made decoloration solution 1.0% HCl/alcobol 6 x 1L kit)</li> <li>1,120 bottles of 90% formalin alcohol (6 x 1L kit)</li> <li>6,150 bottles of 2N counterstaining solution (0.3% Methylene blue solution, 6 x 1L kit)</li> <li>120 sets of formalin stain solution, complete (set of 3 components: 200g colorless phenol crystals, 1L ethanol, and 1g Auramine O/G127232N)</li> <li>120 bottles of 90% formalin alcohol (6 x 1L kit)</li> <li>120 bottles of Auramine decoloration solution (ready-made decoloration solution 0.5% HCl/alcobol 6 x 1L kit)</li> <li>120 bottles of Auramine counterstaining solution (Methylene blue 3.0% 6 x 1L kit)</li> </ul>	Diagnostic consumables kits are to diagnosis TB patients by ZN microscopy and LED Auramine microscopy. These items are required materials for staining AFB.	\$29,780.00	china	Dandong, China	Sujuju DPRK	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	Laboratory Supply	<ul style="list-style-type: none"> <li>70 bottles of Ethanol, 90% (technical grade, C2000, MSD, 4007, boiling point 75-78°C, 1L bottle)</li> <li>4 bottles of formalin hydroxide (30% formalin, 4000, prepared 70% polyox, no plastic bottle, tight screw cap (heptagon) and OCS banding from the set) for analysis (EMBLBE 180 - 99%, 1kg bottle)</li> <li>2 sets of disinfectant for alcohol resistant surfaces (Ethicalid 30, alcoholic for disinfection, 50 jerry can)</li> </ul>	These items are necessary for decontamination of specimens from TB patients for growing MTB on culture media and to disinfect any materials and equipment used for culture and DST of MTB.	\$271,951.20	china	Dandong, China	Sujuju DPRK	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	Laboratory reagents	<ul style="list-style-type: none"> <li>6 bottles of Potassium permanganate, 500mg/bottle</li> <li>Detailed specifications</li> <li>Reagent CPTB103 for microscopy, formula: KMnO4, molecular weight: 158.04g/mol, CAS-No.: 7722-64-7, EC-No.: 231-760-3, index No.: 021-002-00-9, appearance: crystalline, dark violet</li> <li>Safety instruction to be labeled:</li> <li>Some irritant, dark, acute aquatic toxicity</li> <li>H372 may irritate eyes, oxidant, H302 harmful if swallowed, H400 very toxic to aquatic life</li> <li>P201 may irritate eyes from oxidizing combustible materials</li> <li>P273 avoid release to the environment</li> <li>Label shall be in English with, date of manufacture and expiry, and batch No, Registration No, manufacturing No, and full name and address of the manufacturer.</li> <li>"For only laboratory use" should be labeled.</li> <li>Should have Danger sign.</li> <li>Precaution</li> </ul>	6 bottles (500g/bottle) of potassium permanganate is requested per annum. 0.5% potassium permanganate (KMnO4) is recommended as counterstaining reagent in fluorescent microscopy test for TB diagnosis. White 0.3% Methylene blue solution makes the background of the microscopic field blue, 0.3% potassium permanganate solution gives much darker background which makes more vivid contrast between pigmented AFB and background therefore easier to identify AFB in the microscopic field.	\$97,843.89	china	Dandong, China	Sujuju DPRK	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	IT Equipment	<ul style="list-style-type: none"> <li>4 units of Desktop computer</li> <li>(Processor: Intel® Core™ i7, 8th generation, CPU 3.2GHz, 4 cores</li> <li>RAM: DDR4 16GB/32GB, with 256GB SSD, 1TB Hard Disk, Windows 10 Pro, 64-bit, 19.5" monitor, (optional: backlit keyboard, 4GB USB-A, etc.)</li> </ul>	For regular operation of program monitoring unit in Ministry of Public Health to ensure the smooth implementation of GF grant	\$2,000.00	china	Dandong, China	Sujuju DPRK	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Health (GF)	maintenance kit for Sprayer	<ul style="list-style-type: none"> <li>76 maintenance kits for HUDSON sprayers such kit composition is as per the following list.</li> <li>No. Description Part No. Quantity</li> <li>1 Base only: 143502 1</li> <li>2 Electronic Sub-Assembly: 143507 1</li> <li>3 Trigger Adapter Kit: 148833 3</li> <li>4 Motor Gasket: 151481 12</li> <li>5 Shoulder Strap, 2" wide: 152829 1</li> <li>6 Filteration Baffle: 815960 1</li> <li>7 Valve Housing: 110790 3</li> <li>8 Check Valve Assembly: 148854 12</li> <li>9 Check Valve Spring: 150604 12</li> <li>10 Spring: 150400 1</li> <li>11 Hose Pump Cap Assembly: 149162 1</li> <li>12 Dump Gasket: 151000 12</li> <li>13 O-Ring: 805312 12</li> <li>14 O-Ring Cap: 150400 3</li> <li>15 O-Ring Clamp: 805620 4</li> <li>16 Pipe Plug: 114132 12</li> <li>17 Chain: 116426 3</li> <li>18 Motor Assembly: 143000 12</li> <li>19 Spring: 150601 12</li> <li>20 20132-7/8 Center Pin: 801419 3</li> <li>21 Motor Motor: 123911 12</li> <li>22 Motor Cap Assembly: 149702 3</li> <li>23 Packing Pin: 151010 12</li> <li>24 Motor Pin, 1/8 (1/2): 801423 4</li> <li>25 O-Ring: 805315 12</li> <li>26 O-Ring: 123909 12</li> <li>27 O-Ring: 805337 12</li> <li>28 MOTORCYCLES Tester Nozzle (8052E-HBS): 805555 3</li> <li>29 Spring: 150400 3</li> <li>30 Hanger Pad: 151028 1</li> <li>31 O-Ring: 805307 12</li> <li>32 Trigger Cap, Leather: 154007 12</li> <li>33 Motor Pin: 151516 3</li> <li>34 Operating Lever: 123899 3</li> <li>35 Motor Ethanol: 143506 3</li> </ul>	for replacing damaged accessories of HUDSON sprayers which are used every year for IRS for malaria vector control.	\$17,640.00	china	Dandong, China	Sujuju DPRK	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	To be confirmed upon issuance of purchase order	Freight forwarder DAMCO	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.





M and E	solar power set	3 units of solar power set (one set contains 4 solar panel, 200w, transformer 3kw, Gel battery 4 ea 200Ah, 3kw capacity)	To support the tele advocacy system (TAS) for dissemination of life-saving knowledge and information in the fields of the first 1000 days in life, WASH, Nutrition, Health and Education by setting up child resource centers for parents and other duty bearers at libraries in 3 out of 9 UNICEF Convergent Counties.	\$7,500.00	China	Dandong, China	Sinuiju, DPRK	To be identified after bidding process	UNICEF International staff will provide regular end-user monitoring to ensure that the goods are used for intended purpose.
Total				\$4,416,620.42					