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11 de septiembre de 2020

Estimado Sr. Chelminski:

En nombre del Comité del Consejo de Seguridad establecido en virtud de la resolución [1718 \(2006\)](#), tengo el honor de referirme a su carta de fecha 7 de septiembre de 2020, en la que solicitó al Comité que se ajustara el plazo de la exención concedida a la Organización Mundial de la Salud el 27 de febrero de 2020, de conformidad con el párrafo 25 de la resolución [2397 \(2017\)](#) del Consejo de Seguridad y con la nota orientativa núm. 7 para la aplicación de resoluciones, debido a las dificultades relacionadas con la adquisición y el envío de bienes como consecuencia de la pandemia de COVID-19, para posibilitar la transferencia de equipo de diagnóstico y productos básicos para prevenir y combatir la COVID-19 en la RPDC, con el fin de mejorar la capacidad de diagnóstico en el país, de modo que se tratara a los pacientes de forma oportuna y el virus no se propagara entre la población vulnerable de la RPDC.

Tengo el honor de comunicarle que, tras el oportuno examen por el Comité, este ha decidido prorrogar el plazo para el envío hasta el 11 de marzo de 2021, para finalizar la adquisición y el envío de los artículos que se indican en la citada carta, con arreglo al párrafo 25 de la resolución [2397 \(2017\)](#).

El Comité desea dar las gracias a la OMS por su diligencia.

Atentamente,

(Firmado) Christoph Heusgen  
Presidencia del Comité del Consejo de Seguridad  
establecido en virtud de la resolución [1718 \(2006\)](#)

Sr. Robert Chelminski  
Director de Administración y Finanzas Interino  
para la Directora Regional de la Oficina Regional  
de la Organización Mundial de la Salud para Asia Sudoriental  
Nueva Delhi (India)

Documento adjunto:

- Lista de artículos y servicios que se transferirán a la RPDC

S.No.	Material Description	Decision	Purchase Order	Specifications	Purpose	Value (in US\$)	Origin	Port of Departure	Port of Entry	Parties Involved in Transaction	Measures to ensure for use of intended purpose
8	Viral specimen collection QTY : 1200	Approved	Would be issued subject to completion of procurement process	Thermometer, infrared, no contact, handheld: Visiomed / Thermoflash LX-260TE 3 temperature Modes : body, ambient and surface Memories the last 32 temperature measurements (MEM) Vocal function: English, French, Spanish, Dutch, Italian, German Hygienic and non-invasive Temperature measurement in °C or °F Diagnostic by color codes displayed on the screen batteries included (2xAAA)	The humanitarian assistance proposed is for the prevention and control of COVID-19 infection in the country. These include the equipment for screening fever cases for identification of suspected cases at the earliest so that the possibility of further transmissions is interrupted, equipment and accessories for diagnosis of cases for confirmation and initiate needful treatment and Infection Prevention and Control (IPC) and equipment for managing possible severe and critical cases in Intensive Care Unit (ICU) which are lifesaving.  This will support MoPH in strengthening the capacity for emergency preparedness and response to the outbreak of COVID-19.	The supplies to be provided to DPRK are to be procured. A detailed pricing for each set of items would be difficult to establish at this point but can be ascertained at a later stage if required by the Committee.	This information can be provided once available by WHO to the Committee.			a) Supplier has not been identified at this stage. This information can be provided once available by WHO to the Committee. b) WHO Regional Office for South-East Asia, New Delhi, India, Metropolitan Hotel Office Block, Bangla Sahib Road, Gale Market, Sector 4, New Delhi 110 001, India c) WHO Country Office, 14 Hodong, Munsudong, Pyongyang, DPR Korea. Email: vithanaga@who.int, Tel: +85023817913 d) MoPH - DPRK, Sochang-Don, Central District, Pyongyang City DPR Korea, E mail: bogon.moph@star-co.net.kp	In order to ensure that the goods provided to the MoPH/DPRK by WHO are used for their intended purpose and not diverted for prohibited purposes, WHO will take the following measures:  Upon arrival at the designated destination in DPRK, WHO through its Country Office will clear the goods and physically accept them. This will be done by a WHO international staff member.  All verified items will be handed over to the MoPH. This will be done through a formal handing over taking over note signed by both parties.  By implementing these measures WHO Country Office expects to minimize the possibility of diversion and ensure that these items are strictly used for COVID-19 control and surveillance activities.
9	Field Sample collection TY : 600	Approved	As above	Module, Samples Transport(8)	As above	As above	As above			As above	
10	Oxygen concentrators with Flow splitter, Oxygen prongs, nasal, nonsterile, single use, Oxygen tube, extension QTY : 20	Approved	As above	Device concentrates oxygen from ambient air. On 4 antistatic swivel castors, 2 with brakes. Integrated handle allows for easy moving and positioning. Oxygen sensing device is integrated and measures concentration at flow meter entrance. Four-step filtering of air-intake, including bacterial filter. All filters replaceable, coarse filter washable/reusable. Continuous monitoring with visual and audible alerts, on low/high output pressure, low oxygen concentration, power failure and battery test. Operating conditions: Temperature between 5 to 45 degrees Celsius, Relative humidity max. 90% without condensation. Spare parts should be required for operating at least one year.	As above	As above	As above			As above	
11	Portable ventilator QTY : 13	Approved	As above	a) Tidal volume up to 1,000 ml. b) Pressure (inspiratory) up to 80 cm H2O c) Volume (inspirator) up to 120 L/min d) Respiratory rate: up to 60 breaths per minute. e) SIMV Respiratory Rate: up to 40 breaths per minute. f) CPAP/PEEP up to 20 cm H2O. g) Pressure support up to 45 cm H2O. h) FIO2 between 21 to 100 % i) Inspiratory and expiratory times up to at least 2 sec and 8 sec respectively j) I:E Ratio at least from 1:1 to 1:3. 2 Modes of ventilation: a) Volume controlled. b) Pressure controlled. c) Pressure support. d) Synchronized intermittent mandatory ventilation (SIMV) with pressure support. e) Assist / control mode f) CPAP/PEEP Alarms required: FIO2, minute volume, pressure, PEEP, apnea, occlusion, high respiration rate, disconnection System alarms required: power failure, gas disconnection, low battery, vent inoperative, self-diagnostics if alarm silencing feature is incorporated, it must be temporary and clearly displayed when activated Air and externally supplied oxygen mixture ratios fully controllable Inlet gas supply (O2) pressure range at least 35 to 65 psi	As above	As above	As above			As above	
12	Pulse Oximeter QTY : 20	Approved	As above	Compact portable device measures arterial blood oxygen saturation (SpO2), heart rate and signal strength. Measuring range: SpO2 30 to 100% (minimum graduation 1%), Heart rate 20 to 250 bpm (minimum graduation 1bpm). Line-powered, or Extra-batteries/rechargeable batteries are required at least one year.	As above	As above	As above			As above	
13	Laryngoscope QTY : 20	Approved	As above	A hand-held device (i.e., non-endoscopic rigid type) intended to be used by anesthesia/emergency service personnel to manipulate the tongue, preventing it from obstructing the oropharynx and enabling a clear view of the trachea for the insertion of an endotracheal (ET) tube prior to the delivery of inhalation anesthesia and/or ventilation. It has a handle containing batteries to power its light (a small built-in light bulb or fibre-optic light) for airway illumination, and a curved or straight blade of various designs and lengths that can be hinged/interchanged or integral. Some types can be magnetic resonance imaging (MRI) compatible. This is a reusable device to improve respiratory status of a patient, and to help in the treatment evaluation of patients suffering from chronic respiratory disorders (e.g., asthma, emphysema). • Large hollow, cylindrical, slightly ribbed handle • Handle made of either chromium-plated or stainless steel • Can be opened to insert two batteries (type LR14, size C, 1.5 V) • Stud contact, fitting various sizes and types of depressors	As above	As above	As above			As above	
14	Set of stainless-steel depressors QTY : 200	Approved	As above	Stainless steel	As above	As above	As above			As above	
15	Endotracheal tube with cuff QTY : 200	Approved	As above	Disposal tracheal tube with guide wire	As above	As above	As above			As above	
16	Carbon dioxide detector QTY : 20	Approved	As above		As above	As above	As above			As above	

17	Portable ultrasound included probes with scanner QTY : 20	Approved	As above	High performance ultrasound scanner, System integrates scanner, 2 probes, matching trolley and video-printer Compact and lightweight, easy to transport and position, Alphanumeric keyboard with trackball and time gain control (TCG) Piezoelectric probes, electronically scanned: convex and linear, Imaging display modes: B, dual B, M, B and M Adjustable field-of-view, 6 level zoom, Imaging technologies: dynamic frequency imaging, multi-stage focusing, aperture control Depth range selection: convex sector image and linear image, 3 steps, Image orientation: lateral and vertical inversion (in B mode) Freeze function with storage of approx. 25 images, Measurements and analysis: Calibre control: trackball B-mode image: distance, area and circumference by ellipse and trace method, volume, ratio, gestational age, foetal weight, angle, Gestational table: user programmable M-mode: velocity, time interval, depth, heart rate, LV function Alpha-numeric & graphics: Text annotations and body markers Automatic display of: date and time, focal point setting, image orientation indicator, image scrolled position, distance scale mark, M-mode time mark, grey scale for calibration High resolution B/W monitor, approx. 25 cm diagonal (across), equals to 10 inch, fit with reflection filter bimage grey scale: 256 levels, Video output: 625 lines/frame Two transducer ports leave 2 probes permanently available, electronic switch between probes Data communication interface: RS232, BNC, IEEE, USB or equivalent Power supply: 220 V / 50 Hz, Convex abdominal probe, frequency range:	As above	As above	As above	As above
18	Resuscitator, adult QTY : 20	Approved	As above	Resuscitator to ventilate adult (body weight over 30kg), with compressible self-refilling ventilation bag, capacity: 1475-2000ml Resuscitator operated by hand, Ventilation with ambient air, Resuscitator shall be easy, to disassemble and reassemble, to clean and disinfect, and be autoclavable. All parts must be manufactured from high-strength, long-life materials and require no special maintenance or storage conditions.	As above	As above	As above	As above
19	Resuscitator, child QTY : 20	Approved	As above	Resuscitator to ventilate child (body weight 7-30kg), With compressible self-refilling ventilation bag, child, capacity: 500-700ml and non-rebreathing valve with pressure limiting valve, patient connector Resuscitator operated by hand, Ventilation with ambient air, Resuscitator shall be easy, to disassemble and reassemble, to clean and disinfect, and be autoclavable. All parts must be manufactured from high-strength, long-life materials and require no special	As above	As above	As above	As above

1 de julio de 2020

Estimado Sr. Chelminski:

En nombre del Comité del Consejo de Seguridad establecido en virtud de la resolución [1718 \(2006\)](#), tengo el honor de referirme a su carta de fecha 17 de junio de 2020, en la que solicitó al Comité que se modificara la lista de artículos aprobados y se ajustara el plazo de la exención concedida a la Organización Mundial de la Salud el 27 de febrero de 2020, de conformidad con el párrafo 25 de la resolución [2397 \(2017\)](#) del Consejo de Seguridad y con la nota orientativa núm. 7 para la aplicación de resoluciones, para posibilitar la transferencia de equipo de diagnóstico y productos básicos para prevenir y combatir la COVID-19 en la RPDC, con el fin de mejorar la capacidad de diagnóstico en el país, de modo que se trate a los pacientes de forma oportuna y el virus no se propague entre la población vulnerable de la RPDC.

Tengo el honor de comunicarle que, tras el oportuno examen por el Comité, este ha decidido aprobar la solicitud de modificación de la lista de artículos y prorrogar el plazo para el envío hasta el 30 de diciembre de 2020, para finalizar la adquisición y el envío de los artículos que se indican en la citada carta, con arreglo al párrafo 25 de la resolución [2397 \(2017\)](#).

El Comité desea dar las gracias a la OMS por su diligencia

Atentamente,

(Firmado) **Christoph Heusgen**  
Presidente del Comité del Consejo de Seguridad  
establecido en virtud de la resolución [1718 \(2006\)](#)

Sr. Robert Chelminski  
Director de Administración y Finanzas Interino  
para la Directora Regional de la Oficina Regional  
de la Organización Mundial  
de la Salud para Asia Sudoriental  
Nueva Delhi (India)

Documento adjunto:

–Lista de artículos y servicios que se transferirán a la RPDC

<b>Items and Specifications</b>	<b>Quantity</b>
Rotor – Gene QMDX 5-Plex platform <b>Dimension:</b> Width, 37 cm (14.6 in.); Height, 27.5 cm (10.8 in.); Depth (without cables), 42 cm (16.5 in.); Depth (door open), 56 cm (22 in.) <b>Detailed specifications attached (Annex 1)</b>	6

## Rotor- Gene QMDX 5Plex platform

## Specifications

Features	Specifications
Altitude	Up to 2000 m (6500 ft)
Dimensions	Width, 37 cm (14.6 in.); Height, 27.5 cm (10.8 in.); Depth (without cables), 42 cm (16.5 in.); Depth (door open), 56 cm (22 in.)
Heat dissipation/thermal load	Average, 0.183 kW (632 BTU/hour); Peak, 0.458 kW (1578 BTU/hour)
Humidity	10–75% (noncondensing)
Operating temperature	18–30°C (64–86°F)
Optical System	5 channels plus HRM; Excitation sources: high-energy light-emitting diodes; Detector: photomultiplier; Acquisition time: 4 seconds
Overvoltage category	II
Place of operation	For indoor use only
Pollution level	2
Power	100–240 V AC, 50–60 Hz, <520 VA (peak); Power consumption 8 VA (standby); Mains supply voltage

Features	Specifications
	fluctuations are not to exceed 10% of the nominal supply voltages; F5A 250 V fuse
Samples per run (throughput)	Tubes 0.2 ml, 36 samples/run; Strip Tubes 0.1 ml (4 tubes), 72 samples/run; Rotor-Disc 72, 72 samples/run; Rotor-Disc 100, 100 samples/run
Software	Rotor-Gene Q software, supplied on the installation CD provided
Storage conditions	15–30°C (59–86°F) in manufacturer's package; Max. 75% relative humidity (noncondensing); Environmental class 1K2 (IEC 60721-3-1)
Technology	Real-time PCR cycler
Thermal performance	Temperature range, 35–99°C (95–210.2°F); Temperature accuracy, ±0.5°C (calibrated using Rotor-Disc OTV procedure); Temperature resolution, ±0.02°C (smallest programmable increment); Temperature uniformity, ±0.02°C
Transportation conditions	–25°C to 60°C (–13°F to 140°F) in manufacturer's package; Max. 75% relative humidity (noncondensing); Environmental class 2K2 (IEC 60721-3-2)
Warranty	1 year on instrument; lifetime guarantee on excitation LEDs
Weight	12 kg (26.5 lb.), standard configuration

27 de febrero de 2020

Estimado Sr. Chelminski:

En nombre del Comité del Consejo de Seguridad establecido en virtud de la resolución [1718 \(2006\)](#), tengo el honor de referirme a su carta de fecha 25 de febrero de 2020, por la que solicitó al Comité una exención, de conformidad con el párrafo 25 de la resolución [2397 \(2017\)](#) y con la nota orientativa núm. 7 para la aplicación de resoluciones, para realizar actividades humanitarias en la RPDC, en particular, para posibilitar la transferencia de equipo de diagnóstico y productos básicos para prevenir y combatir la COVID-19 en la RPDC, con el fin de mejorar la capacidad de diagnóstico en el país, de modo que se trate a los pacientes de forma oportuna y el virus no se propague entre la población vulnerable de la RPDC.

Tengo el honor de informarlo de que, tras la debida consideración, el Comité ha decidido aprobar la solicitud de exención que figura en la citada carta, de conformidad con el párrafo 25 de la resolución [2397 \(2017\)](#) del Consejo de Seguridad, para la transferencia, en los próximos seis meses, de los artículos y servicios que se indican en ella, una lista de los cuales se adjunta como anexo a la presente. Los artículos deberán enviarse en una sola remesa o de forma consolidada, a fin de aumentar la eficiencia del transporte y el despacho de aduanas.

El Comité reitera que las sanciones impuestas por el Consejo de Seguridad en sus resoluciones relativas a la RPDC no pretenden tener un efecto negativo en la población del país; la nota verbal que remitió a todos los Estados Miembros, así como su comunicado de prensa SC/13113, de 8 de diciembre de 2017, ofrece aclaraciones en lo que respecta a la prestación de asistencia humanitaria a la RPDC. Además, en la nota verbal se recuerda que cada Estado Miembro debe aplicar plenamente las medidas pertinentes del Consejo de Seguridad, teniendo presente la necesidad de explicar a las entidades públicas y privadas bajo su jurisdicción que, si bien las sanciones de las Naciones Unidas deben aplicarse de forma adecuada, no deben restringirse indebidamente las actividades humanitarias.

El Comité también apoya y aprueba la realización por la OMS de las operaciones comerciales y las transacciones financieras que sean necesarias únicamente a efectos de adquirir los bienes y servicios objeto de la exención del Comité y que figuran en el documento adjunto, sin perjuicio de las decisiones comerciales que resulten pertinentes.

Sr. Robert Chelminski  
Director de Administración y Finanzas Interino  
para la Directora Regional de la Oficina Regional  
de la Organización Mundial  
de la Salud para Asia Sudoriental



Al mismo tiempo, el Comité pide a las organizaciones que prestan asistencia humanitaria a la RPDC que se atengan al plazo aprobado por el Comité y respeten y cumplan plenamente las disposiciones legales y reglamentarias nacionales y los requisitos sobre licencias que regulan las transacciones financieras y comerciales en el plano nacional y el transporte y el despacho de aduanas realizados en las jurisdicciones de los Estados Miembros afectados.

Deseo informarlo de que la presente carta y su anexo se publicarán en el sitio web del Comité 1718 por un período de seis meses para ponerlos a disposición del público, incluidas las autoridades nacionales encargadas de examinar las transferencias exentas a la RPDC.

El Comité desea dar las gracias a la OMS por su diligencia.

Atentamente,

*(Firmado)* Christoph **Heusgen**  
Presidente del Comité del Consejo de Seguridad  
establecido en virtud de la resolución [1718 \(2006\)](#)

Documento adjunto:

–Lista de artículos y servicios que se transferirán a la RPDC

S.No.	Material Description	Decision	Purchase Order	Specifications	Purpose	Value (in US\$)	Origin	Port of Departure	Port of Entry	Parties Involved in Transaction	Measures to ensure for use of intended purpose
1	Thermometer Infrared, no contact, handheld QTY : 600	Pending	Would be issued subject to clearance by SC and completion of procurement process	Thermometer, infrared, no contact, handheld: Visiomed / Thermoflash LX-260TE 3 temperature Modes : body, ambient and surface Memories the last 32 temperature measurements (MEM) Vocal function: English, French, Spanish, Dutch, Italian, German Hygienic and non-invasive Temperature measurement in °C or °F Diagnostic by color codes displayed on the screen Batteries Included (2xAA)	The humanitarian assistance proposed is for the prevention and control of COVID-19 infection in the country. These include the equipment for screening fever cases for identification of suspected cases at the earliest so that the possibility of further transmissions is interrupted, equipment and accessories for diagnosis of cases for confirmation and initiate needful treatment and Infection Prevention and Control (IPC) and equipment for managing possible severe and critical cases in Intensive Care Unit (ICU) which are lifesaving.  This will support MoPH in strengthening the capacity for emergency preparedness and response to the outbreak of COVID-19.	The supplies to be provided to DPRK are either to be procured, or already in stock and prepositioned in WHO warehouse in Dubai, and have been purchased in bulk and large quantities for all WHO emergencies worldwide. A detailed pricing for each set of items would be difficult to establish at this point but can be ascertained at a later stage if required by the Committee.	Subject to clearance by the Sanctions Committee, this information can be provided once available by WHO to the Committee. These emergency and preventive health care items are currently either to be urgently procured or pre-positioned in the WHO warehouse in Dubai and are expected to be delivered through DPR Korea Consular Office, Dandong City, China and then by road to Pyongyang, DPRK.			a) Supplier has not been identified at this stage and this is subject to clearance by Sanctions Committee. This information can be provided once available by WHO to the Committee. b) WHO Regional Office for South-East Asia, New Delhi, India, Metropolitan Hotel Office Block, Bangla Sahib Road, Gole Market, Sector 4, New Delhi 110 001, India c) WHO Country Office, 14 Hodong, Munsudong, Pyongyang, DPR Korea, Email: vithanagea@who.int, Tel:+85023817913 d) MoPH - DPRK, Sochang-Don , Central District, Pyongyang City DPR Korea, E mail: bogon.moph@star-co.net.kp e) DPR Korea Consular Office, Zhongyong Dajle 10-1, Xincheng Qu, Dandong City, Liaoning Province, China, Tel: 0086-415-3850906.	In order to ensure that the goods provided to the MoPH/DPRK by WHO are used for their intended purpose and not diverted for prohibited purposes, WHO will take the following measures:  Upon arrival at the designated destination in DPRK, WHO through its Country Office will clear the goods and physically accept them. This will be done by a WHO international staff member.  All verified items will be handed over to the MoPH. This will be done through a formal handing over taking over note signed by both parties.  By implementing these measures WHO Country Office expects to minimize the possibility of diversion and ensure that these items are strictly used for COVID-19 control and surveillance activities.
2	RT-PCR Machine-ABI 7500 QTY : 6	Pending	As above	The Applied Biosystems 7500 Fast Real-Time PCR system allows for greater sensitivity and variable excitation capacity. A novel 96-well design coupled with faster ramp rates yield faster results without compromising assay quality or extension times. With over 785,000 TaqMan Gene Expression assays, and validated Fast reagents, the Applied Biosystems 7500 Fast qPCR system is the original Fast solution. TaqMan probes are designed to increase the specificity of quantitative PCR, through hydrolysis probes. Contact us today to learn more about this easy to use ABI qPCR Machine.	As above	As above	As above			As above	
3	(ABI 7500 RT-PCR) TUBE PCR strip QTY : 6	Pending	As above	(MicroAmp) 0.2 ml, 8 tubes, pack-125	As above	As above	As above			As above	
4	ABI 7500 RT-PCR) CAP Microtube QTY : 6	Pending	As above	(MicroAmp) , 8 cap strip, pack-300	As above	As above	As above			As above	
5	(ABI 7500 FAST RT-PCR) Optical Well Plate QTY : 6	Pending	As above	PS, pack-20	As above	As above	As above			As above	
6	(ABI 7500 FAST RT-PCR) Adhesive Film QTY : 6	Pending	As above	(ABI 7500 FAST RT-PCR) Adhesive Film	As above	As above	As above			As above	
7	(ABI 7500 FAST RT-PCR) Bulb QTY : 6	Pending	As above	HALOGEN, 12V, 75W, GX5.3, Unit	As above	As above	As above			As above	
8	Viral specimen collection QTY : 1200	Pending	As above	Kit of 8 items	As above	As above	As above			As above	
9	Field Sample collection TY : 600	Pending	As above	Module, Samples Transport(8)	As above	As above	As above			As above	
10	Oxygen concentrators with Flow splitter, Oxygen prongs, nasal, nonsterile, single use, Oxygen tube, extension QTY : 20	Pending	As above	Device concentrates oxygen from ambient air. On 4 antistatic swivel castors, 2 with brakes. Integrated handle allows for easymoving and positioning. Oxygen sensing device is integrated and measures concentration at flow meter entrance. Four-stepfiltering of air-intake, including bacterial filter. All filters replaceable, coarse filter washable/reusable. Continuous monitoring withvisual and audible alerts, on low 'high output pressure, low oxygen concentration, power failure and battery test. Operatingconditions: Temperature between 5 to 45 degrees Celsius, Relative humidity max. 90% without condensation. Spare partsshould be required for operating at least one year.	As above	As above	As above			As above	
11	Portable ventilator QTY : 13	Pending	As above	a) Tidal volume up to 1,000 ml. b) Pressure (inspiratory) up to 80 cm H2O c) Volume (inspiratory) up to 120 L/min d) Respiratory rate: up to 60 breaths per minute. e) SIMV Respiratory Rate: up to 40 breaths per minute. f) CPAP/PEEP up to 20 cm H2O. g) Pressure support up to 45 cm H2O. h) FIO2 between 21 to 100 % i) Inspiratory and expiratory times up to at least 2 sec and 8 sec respectively j) I:E Ratio at least from 1:1 to 1:3. 2 Modes of ventilation: a) Volume controlled. b) Pressure controlled. c) Pressure support. d) Synchronized intermittent mandatory ventilation (SIMV) with pressure support. e) Assist / control mode f) CPAP/PEEP Alarms required: FIO2, minute volume, pressure, PEEP, apnea, occlusion, high respiration rate, disconnection System alarms required: power failure, gas disconnection, low battery, vent inoperative, self-diagnostics If alarm silencing feature is incorporated, it must be temporary and clearly displayed when activated Air and externally supplied oxygen mixture ratios fully controllable Inlet gas supply (O2) pressure range at least 35 to 65 psi	As above	As above	As above			As above	
12	Pulse Oximeter QTY : 20	Pending	As above	Compact portable device measures arterial blood oxygen saturation (SpO2), heart rate and signal strength. Measuring range: SpO2 30 to 100% (minimum graduation 1%), Heart rate 20 to 250 bpm (minimum graduation 1bpm). Line-powered, or Extra-batteries/rechargeable batteries are required at least one year.	As above	As above	As above			As above	

13	Laryngoscope QTY : 20	Pending	As above	A hand-held device (i.e., non-endoscopic rigid type) intended to be used by anesthesia/emergency service personnel to manipulate the tongue, preventing it from obstructing the oropharynx and enabling a clear view of the trachea for the insertion of an endotracheal (ET) tube prior to the delivery of inhalation anesthesia and/or ventilation. It has a handle containing batteries to power its light (a small built-in light bulb or fibre-optic light) for airway illumination, and a curved or straight blade of various designs and lengths that can be hinged/interchanged or integral. Some types can be magnetic resonance imaging (MRI) compatible. This is a reusable device to improve respiratory status of a patient, and to help in the treatment evaluation of patients suffering from chronic respiratory disorders (e.g., asthma, emphysema). <ul style="list-style-type: none"> <li>• Large hollow, cylindrical, slightly ribbed handle</li> <li>• Handle made of either chromium-plated or stainless steel</li> <li>• Can be opened to insert two batteries (type LR14, size C, 1.5 V)</li> <li>• Stud contact, fitting various sizes and types of depressors</li> </ul>	As above	As above	As above	As above
14	Set of stainless-steel depressors QTY : 200	Pending	As above	Stainless steel	As above	As above	As above	As above
15	Endotracheal tube with cuff QTY : 200	Pending	As above	Disposal tracheal tube with guide wire	As above	As above	As above	As above
16	Carbon dioxide detector QTY : 20	Pending	As above	<ul style="list-style-type: none"> <li>• Disposable</li> <li>• Colorimetric</li> <li>• Sizes compatible with child and adult endotracheal tube</li> </ul>	As above	As above	As above	As above
17	Portable ultrasound included probes with scanner QTY : 20	Pending	As above	High performance ultrasound scanner, System integrates scanner, 2 probes, matching trolley and video-printer Compact and lightweight, easy to transport and position, Alphanumeric keyboard with trackball and time gain control (TCG) Piezoelectric probes, electronically scanned: convex and linear, Imaging display modes: B, dual B, M, B and M Adjustable field-of-view, 6 level zoom, Imaging technologies: dynamic frequency imaging, multi-stage focusing, aperture control Depth range selection: convex sector image and linear image, 3 steps, Image orientation: lateral and vertical inversion (in B mode) Freeze function with storage of approx. 25 images, Measurements and analysis: Calibre control: trackball B-mode image: distance, area and circumference by ellipse and trace method, volume, ratio, gestational age, foetal weight, angle, Gestational table: user programmable M-mode: velocity, time interval, depth, heart rate, LV function Alpha-numeric & graphics: Text annotations and body markers Automatic display of: date and time, focal point setting, image orientation indicator, image scrolled position, distance scale mark, M-mode time mark, grey scale for calibration High resolution B/W monitor, approx. 25 cm diagonal (across), equals to 10 inch, fit with reflection filter bimage grey scale: 256 levels, Video output: 625 lines/frame Two transducer ports leave 2 probes permanently available, electronic switch between probes Data communication interface: RS232, BNC, IEEE, USB or equivalent Power supply: 220 V / 50 Hz, Convex abdominal probe, frequency range: 2.5 / 3.5 / 5.0 MHz	As above	As above	As above	As above
18	Resuscitator, adult QTY : 20	Pending	As above	Resuscitator to ventilate adult (body weight over 30kg), with compressible self-refilling ventilation bag, capacity: 1475-2000ml Resuscitator operated by hand, Ventilation with ambient air, Resuscitator shall be easy, to disassemble and reassemble, to clean and disinfect, and be autoclavable. All parts must be manufactured from high-strength, long-life materials and require no special maintenance or storage conditions.	As above	As above	As above	As above
19	Resuscitator, child QTY : 20	Pending	As above	Resuscitator to ventilate child (body weight 7-30kg), With compressible self-refilling ventilation bag, child, capacity: 500-700ml and non-rebreathing valve with pressure limiting valve, patient connector Resuscitator operated by hand, Ventilation with ambient air, Resuscitator shall be easy, to disassemble and reassemble, to clean and disinfect, and be autoclavable. All parts must be manufactured from high-strength, long-life materials and require no special	As above	As above	As above	As above