

April 22, 2020

Ms. Ekaterine Tikaradze
Minister of Internally Displaced Persons from
the Occupied Territories, Labour, Health and Social Affairs
Ministry of Internally Displaced Persons from
the Occupied Territories, Labour, Health and Social Affairs
Tbilisi, Georgia

***Subject: Georgia Emergency COVID-19 Project
Hands-on Expanded Implementation Support and Bank Facilitated Procurement***

Dear Ms. Tikaradze,

We refer to the upcoming negotiations for a Financing Agreement to be entered into between the Government of Georgia and the International Bank of Reconstruction and Development (Bank) for the Georgia Emergency COVID-19 Project (Project).

In this context, we are pleased to notify you that the Bank approves your request for Hands-on Expanded Implementation Support (HEIS) under the Bank's procurement framework to support the Ministry of Internally Displaced People from the Occupied Territories, Labor, Health, and Social Affairs (MoILHSA) in its role as Project Implementation Unit in the context of the procurement of materials and equipment for the COVID-19 response of Georgia under the Project. The Bank will provide HEIS to MoILHSA in a manner consistent with its operational policies and procedures. Given the significant disruptions in the usual supply chains for medical consumables and equipment for the COVID-19 response, the Bank, at your request, may also provide proactive assistance in accessing existing supply chains through Bank Facilitated Procurement (BFP) under HEIS.

In particular, the Bank may provide the following support:

A. BFP activities under HEIS:

1. Conduct extensive market engagement and survey to identify available stock of the agreed list of critical medical consumables and equipment needed under this COVID19 response project (attached) in the quantities therein specified, as such agreed list may be updated from time to time in agreement with the Bank;
2. Assist MoILHSA in negotiating prices, delivery terms, and other contract conditions with identified suppliers;
3. Draft final award letters and/or contracts adapted to specific market conditions, on a fit-for-purpose basis and ensuring consistency with Bank's procurement framework; and
4. Provide additional hands-on support in contracting to outsource logistics.

B. Other HEIS activities:

1. Draft technical requirements and specifications, as requested by the MoILHSA;
2. Assist MoILHSA in drafting procurement documents; and

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3. Provide advice on evaluation procedures, participate as observers during negotiations, by only clarifying matters of the Bank Procurement Regulations.

The Bank will be providing BFP under HEIS to other client countries to aggregate demand for medical supplies across countries, whenever possible, and will conduct extensive market engagement to identify suppliers from the private sector, and to facilitate access to governments' and UN Agencies' stock. While the Bank will make every effort to assist Georgia in accessing these markets, it cannot guarantee a successful outcome.

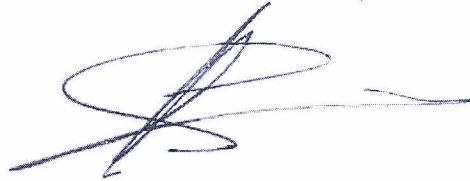
While the Bank will facilitate access and coordinate closely with your government, full decision-making responsibility at every stage of the procurement process will rest with your government. In addition, you will be responsible for signing and implementing the contracts, including establishing relevant logistics with suppliers such as arranging the necessary freight/shipment of the goods to their destination, as well as receiving and inspecting the goods.

It is understood that the Bank will not be liable for any claims or demands from third parties or from your government related to any defect in quality or quantity of any goods, works or services to be procured by Georgia with support under the HEIS, the shipment or use of any goods, or otherwise.

Once the Financing Agreement is declared effective by the Bank, we may make payments on your behalf to the contractors, suppliers or consultants through the Bank's system of making Direct Payments from the proceeds of the financing, in accordance with the terms of the Financing Agreement.

Kindly countersign and return this letter of agreement to us. We look forward to working with you to address this global emergency.

Sincerely,



Sebastian Molineus
Regional Director for the South Caucasus

Countersigned by:

Ministry of Internally Displaced Persons from the Occupied Territories, Labor, Health and Social Affairs

By:

Name: Ekaterine Tikaradze

Title: Minister

Date: 22.04.2020

cc: Mr. Ivane Matchavariani, Minister of Finance of Georgia
Mr. Nikoloz Gagua, Deputy Minister of Finance of Georgia
Ms. Tamar Gabunia, First Deputy Minister of Internally Displaced Persons from the
Occupied Territories, Labour, Health and Social Affairs of Georgia
Ms. Tamila Barkalaia, Deputy Minister of Internally Displaced Persons from the Occupied
Territories, Labour, Health and Social Affairs of Georgia
Mr. Koen Davidse, Executive Director, World Bank
Mr. Jan de Boer, Adviser to Executive Director, the World Bank

Georgia April 21, 2020

Attachment

CRITICAL MEDICAL CONSUMABLES AND EQUIPMENT NEEDED

List of items	No of units requested
1. Gloves	19,000,000
2. Gowns	24,000,000
3. Goggles	200,000
4. Surgical masks	40,000,000
5. N95 respirator masks	4,000,000
6. N95 mask fit test kit	29
7. Antibacterial liquid soap (liters)	142,000
8. Alcohol-based hand rub (70%, liters)	142,000
9. Chlorine-based cleaning solution for surfaces	60,000
10. Disposable paper tissue rolls	220,000
11. Thermometers (standard)	2,000
12. Infrared thermometers	2,020
13. portable transport ventilator for adults pediatric and neonatal patients, approved for use helicopters and airplanes	50
14. Patient ventilator, for critical care	350
15. Defibrillator with patient monitoring system for adults and pediatric peds	350
16. ECG 12 lead	1,150
17. ambulance car b type	50
18. ambulance car c type (intensive care mobile unit)	30
19. portable oxygen generation system (pogs)	90
20. patient monitor for vital signs	950
21. portable oxygen concentrator	950
22. Extracorporeal membrane oxygenation machine	22
23. Pulse oximeters	1,000
24. Oxygen masks	550,000
25. Portable HEPA filters, for negative pressure	23
26. Test tubes with viral transport media	310,000
27. Insulated transport boxes for moving lab material	15
28. Hospital tents sets	13
29. Waste bins	200
30. Triple packaging boxes for international shipping of samples	40

Laboratory consumables

COVID19 PCR reagents and consumables - needs for NCDC Lugar Center for 20,000 tests

Item			Number of Units
Sample collection tubes with VTM and 2 plastic swab applicators			20,000
QIAamp Viral RNA Mini Kit	QIAGEN	52906	80
QIAamp Mini Collection Tubes	QIAGEN	19201	20
AVL buffer for QIAamp Viral RNA Mini Kit	QIAGEN	19073	80
AVE buffer QIAamp Viral RNA Mini Kit	QIAGEN	1020953	10
MagMax Core (100 rxn)	Thermo	A32700	10
MagMax Core (500 rxn)	Thermo	A32702	40
KingFisher Deepwell 96 Plate, V-bottom, polypropylene	Thermo	95040450	40
KingFisher 96 KF microplate (200µL)	Thermo	97002540	15
KingFisher 96 tip comb for DW magnets, 10 x 10 pcs/box	Thermo	97002534	8
Thermo Scientific™ Matrix™ Pipette Tips (960 per case)	THERMOFISHER	8045	50
200 nmol, nCoV Forward primer (HKU-ORF1b-nsp14F): 5'-TGGGGYTTTACRGGTAACCT-3'	Eurofins		3
200 nmol, nCoV Reverse primer (HKU- ORF1b-nsp14R): 5'-AACRCGCTTAACAAAGCACTC-3'	Eurofins		4
200 nmol, nCoV Probe (HKU-ORF1b-nsp141P): 5'-FAM-TAGTTGTGATGCWATCATGACTAG-TAMRA-3'	Eurofins		10
200 nmol, nCoV Forward primer (HKU-NF): 5'-TAATCAGACAAGGAACTGATTA-3'	Eurofins		5
200 nmol, nCoV Reverse primer (HKU-NR): 5'-CGAAGGTGTGACTTCCATG-3'	Eurofins		3
200 nmol, nCoV Probe (HKU-NP): 5'-FAM-GCAAATTGTGCAATTTGCGG-TAMRA-3'	Eurofins		6
TaqMan™ Fast Virus 1-Step Master Mix	AB	4444434	20
Modular Wuhan CoV E-gene	Roche	9155368001	200
Modular Wuhan CoV RdRP-gene	Roche	9155376001	10
LightCycler® Multiplex RNA Virus Master	Roche	6754155001	105
VIRAL RNA / DNA KIT	Roboklon	E3592-02	20
Molecular grade Ethanol, 500 ml bottle	any	any	5

PPE for GEO regional laboratories - 200,000 samples

WHO Code	Lab technician PPE kit elements	Qty
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YMEQGLASWS1--A1	GOGGLES PROTECTIVE, wraparound, soft frame, indirect vent.	2,000
PEXTALCO1G---A1	ALCOHOL-BASED HAND RUB, gel, 100mL, bottle	10,000
EWASBAGBR007-A1	BAG BIOHAZARD, REFUSE, AUTOCLAVABLE, 30x50cm, yellow	20,000
EWASYCHN5G1--A1	CHLORINE NaDCC, 45-55%, gran., 1kg, pot	100
CPPEGOWI3L---A1	GOWN, AAMI level 3, non sterile, disp., size L	15,000
CPPEGOWI3M---A1	GOWN, AAMI level 3, non sterile, disp., size M	15,000
CPPEGOWI3XL--A1	GOWN, AAMI level 3, non sterile, disp., size XL	5,000
CPPEGOWI3XXL-A1	GOWN, AAMI level 3, non sterile, disp., size XXL	5,000
CMSUGLEN1L1--A1	GLOVE EXAMINATION, nitrile, pf, size L	50,000
CMSUGLEN1M1--A1	GLOVE EXAMINATION, nitrile, pf, size M	50,000
CMSUGLEN1S1--A1	GLOVE EXAMINATION, nitrile, pf, size S	25,000
CMSUGLEN1XL--A1	GLOVE EXAMINATION, nitrile, pf, size XL	25,000
CPPEMASS2RL--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size L	10,000
CPPEMASS2RM--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size M	10,000
CPPEMASS2RS--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size S	10,000
CPPEMASPF205-A1	RESPIRATOR, mask, FFP2/N95, type IIR, s.u., unvalved, noseclip	10,000
CPPEFSHIED02-A1	FACE SHIELD, clear plastic, disp.	2,000
CMSUTHERI01--A1	THERMOMETER, INFRARED, no contact, handheld	100
CINSCONTC51--A1	SAFETY BOX, needles/syringes, 5l, cardboard for incineration	1,000
OPACUN62BS1--A1	BOX, triple packaging, biological substance UN3373 +pouch	50
OPACUN62IS1--A1	BOX, triple packaging, infectious substance UN2814	50

**COVID19 PCR reagents and consumables
for 200, 000 tests - GEO regional
laboratories**

		Quantities needed
nCov-2019 PCR detection kit (primer & control probe)	For 200000 reaction (200 kits x 100 test)	200
SuperScript™ III One-Step qRT-PCR System with Platinum™ Taq DNA Polymerase or similar	For 200000 reaction (200 kits x 100 test)	200
Tris (1 M), pH 8.0, RNase-free	5000ml (100mlx50)	50
RT-PCR Grade Water	5000ml (100mlx50)	50
PCR Tubes, 0.2 ml (250) , QIAGEN or similar	200000 tubes (250 tubesx 800 paks)	800
VIRAL RNA EXTRACTION KIT (QIAamp) for RNA preps kit (250 or 100 or 50 tests)	For 200000 extraction	20,000
TUBE CENTRIFUGE, PP, 15 ml, sterile, screw cap, rack-50, case-500 Thermo	20000 tubes (50 tubes x 400 rack)	400

DISINFECTANT VIRUCIDAL (Virkon) , 50 g, 5 l solution / tab, pack-50Park Scientific	10000 tabs (50 tabs x 200 pack)	200
PIPETTE TIP FILTER (Pipetman diamond) , 0.1 - 10 ul, ster., box-960Gilson	400000 tips (1000 tips x 400 box)	400
PIPETTE TIP FILTER (Pipetman diamond) , 10 - 100 ul, ster., box-960	800000 tips (1000 tips x 800 box)	800
PIPETTE TIP FILTER (Pipetman diamond) , 20 - 200 ul, ster., box-960Gilson	400000 tips (1000 tips x 400 box)	400
PIPETTE TIP FILTER (Top-Line) , 100 - 1000 ul, ster., box-960 Gilson	400000 tips (1000 tips x 400 box)	400
TUBE CRYOGENIC, PP, 2ml, ster., self stand., ext. thread + cap, natural, box-500 Greiner	200000 tubes (500 tubes x 400 box)	400
CENTRIFUGE Tube, PP, 1.5 ml, non ster., PCR clean, flat cap, pack-500 VWR	400000 tubes (500 tubes x 800 box)	800
swab with breakpoint and VTM (3mls) for collection of nasopharyngeal specimens (Sigma MW950SENT 74.7 GBP)	200000 swabs	20,000
decontaminant - RNase Away™ Fisher Scientific; cat. #21-236-21	100 tubes x 250 ml	100

COVID19 PCR reagents and consumables for 20,000 tests - Abkhazia laboratories

Quantities needed

nCov-2019 PCR detection kit (primer & control probe)	For 20000 reaction (20 kits x 100 test)	20
SuperScript™ III One-Step qRT-PCR System with Platinum™ Taq DNA Polymerase or similar	For 20000 reaction (20 kits x 100 test)	20
Tris (1 M), pH 8.0, RNase-free	5000ml (100mlx5)	5
RT-PCR Grade Water	5000ml (100mlx5)	5
PCR Tubes, 0.2 ml (250) , QIAGEN or similar	20000 tubes (250 tubes x 80 packs)	80
VIRAL RNA EXTRACTION KIT (QIAamp) for RNA preps kit (250 or 100 or 50 tests)	For 20000 extraction	20,000
TUBE CENTRIFUGE, PP, 15 ml, sterile, screw cap, rack-50, case-500 Thermo	20000 tubes (50 tubes x 40 rack)	40
DISINFECTANT VIRUCIDAL (Virkon) , 50 g, 5 l solution / tab, pack-50Park Scientific	10000 tabs (50 tabs x 20 pack)	20
PIPETTE TIP FILTER (Pipetman diamond) , 0.1 - 10 ul, ster., box-960Gilson	40000 tips (1000 tips x 40 box)	40
PIPETTE TIP FILTER (Pipetman diamond) , 10 - 100 ul, ster., box-960	80000 tips (1000 tips x 80 box)	80
PIPETTE TIP FILTER (Pipetman diamond) , 20 - 200 ul, ster., box-960Gilson	40000 tips (1000 tips x 40 box)	40
PIPETTE TIP FILTER (Top-Line) , 100 - 1000 ul, ster., box-960 Gilson	40000 tips (1000 tips x 40 box)	40
TUBE CRYOGENIC, PP, 2ml, ster., self stand., ext. thread + cap, natural, box-500 Greiner	20000 tubes (500 tubes x 40 box)	40
CENTRIFUGE Tube, PP, 1.5 ml, non ster., PCR clean, flat cap, pack-500 VWR	40000 tubes (500 tubes x 80 box)	80
swab with breakpoint and VTM (3mls) for collection of nasopharyngeal specimens (Sigma MW950SENT 74.7 GBP)	20000 swabs	20,000

decontaminant - RNase Away™ Fisher Scientific; cat. #21-236-21	10 tubes x 250 ml	10
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PPE for Abkhazia regional laboratories - 20,000 samples

WHO Code	Lab technician PPE kit elements	Qty
YMEQGLASWS1--A1	GOGGLES PROTECTIVE, wraparound, soft frame, indirect vent.	200
PEXTALCO1G---A1	ALCOHOL-BASED HAND RUB, gel, 100mL, bottle	1,000
EWASBAGBR007-A1	BAG BIOHAZARD, REFUSE, AUTOCLAVABLE, 30x50cm, yellow	2,000
EWASYCHN5G1--A1	CHLORINE NaDCC, 45-55%, gran., 1kg, pot	10
CPPEGOWI3L---A1	GOWN, AAMI level 3, non sterile, disp., size L	1,500
CPPEGOWI3M---A1	GOWN, AAMI level 3, non sterile, disp., size M	1,500
CPPEGOWI3XL--A1	GOWN, AAMI level 3, non sterile, disp., size XL	500
CPPEGOWI3XXL-A1	GOWN, AAMI level 3, non sterile, disp., size XXL	500
CMSUGLEN1L1--A1	GLOVE EXAMINATION, nitrile, pf, size L	5,000
CMSUGLEN1M1--A1	GLOVE EXAMINATION, nitrile, pf, size M	5,000
CMSUGLEN1S1--A1	GLOVE EXAMINATION, nitrile, pf, size S	2,500
CMSUGLEN1XL--A1	GLOVE EXAMINATION, nitrile, pf, size XL	2,500
CPPEMASS2RL--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size L	1,000
CPPEMASS2RM--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size M	1,000
CPPEMASS2RS--A1	MASK SURGICAL, type IIR, level 2, s.u, non sterile, earloop, size S	1,000
CPPEMASPF205-A1	RESPIRATOR, mask, FFP2/N95, type IIR, s.u., unvalved, noseclip	1,000
CPPEFSHIED02-A1	FACE SHIELD, clear plastic, disp.	200
CMSUTHERI01--A1	THERMOMETER, INFRARED, no contact, handheld	10
CINSCONTC51--A1	SAFETY BOX, needles/syringes, 5l, cardboard for incineration	100
OPACUN62BS1--A1	BOX, triple packaging, biological substance UN3373 +pouch	5
OPACUN62IS1--A1	BOX, triple packaging, infectious substance UN2814	5

Hospital Equipment and quantity per hospital (200 beds hospital)

HOSPITAL EQUIPMENT ICU		
Pulmonary Ventilator: resuscitation model, works on compressed air and oxygen. With stand, universal (pediatric and adult) with invasive and non invasive breathing regimes.	50	
Pulmonary Ventilator: portable (pediatric and adult) with oxygen tank different breathing regimes.	10	
basic patient monitor system: (ECG, Resp, HR, NIBP,Temp, SpO2,) with touch screen.	30	
patient monitor ECG, Resp, HR, NIBP,Temp, SpO2, IBP, NIBP, LAN/WiFi (invasive)	20	
patient monitor ECG, Resp, HR, NIBP,Temp, SpO2, NIP , IBP, CO2 IAN/WIFI (high class model for pediatric and adult use)	6	
patient monitor for transportation ECG, Resp, HR, NIBP,Temp, SpO2	3	
central monitoring station: connects at least 30 monitors	3	
ICU bed: four-section ICU medical bed (with electric control) for adults, remote control, control panel on the sides, with locking function. Automatic CPR, Trendelenburg - / +; Max Weight of the patient 220 kg., Divided into appropriate sections, with a mattress resistant to washing-chemical treatment.	50	
ICU bed, pediatric: four-section resuscitation medical bed (with electric control) pediatric. Divided into appropriate sections, with a mattress resistant to washing-chemical processing	6	
anti pressure sores mattress with compressor control	15	
Defibrillator biphasic: 360 Julian, adult and pediatric with multiple electrodes, cardio version, self-test and diagnostic functions	3	
negatoscope 35*43	3	
medical Instrument table (manipulation table), rack, wheels, protective surface barrier from 3 sides.	10	
medical cart: shock table, with drawers	10	
Infusion Pump: Compatible with different manufacturer's syringes (10-50mm or larger) must be able to change operating parameters, with built-in batteries and a proper alarm system.	120	
syringe pump, volumetric: Drip chamber, compatible with different manufacturer systems	20	
pressure infusion bag	50	
high pressure surgical suction pump not less then 50 liters per minute . Two cans not less then 2 L	5	
12 channel cardiograph machine with cart for a4 paper: Cable suspension,for clamping multiple use electrodes and use of adhesive electrodes	3	
Cabinet for medicines and consumables	10	
High-risk medication Wardrobe with lock	2	
Safe (medium size, cabin. 30 * 50 * 40 cm)	1	
LED mobile lights	1	
Wheelchair, to move the patient within the building	2	
privacy screen with 3-4 wings	70	
Video laryngoscope with different sized blades 2-2 pieces with multiple blades	2	

Laryngoscope set, Macintosh, with 1,2,3,4 size blades (high quality)	6
Laryngoscope set, miller with 1,2,3,4 size blades (high quality)	3
Laryngoscope set, pediatric with blades size 0.1 and higher (high quality)	3
Ambu - Masks for adults	50
Ambu - Masks pediatric	10
Portable oxygen tank 5-10 liters, with reductor (with DIN standard flowmeter)	5
glucometer with strips	5
Stainless steel Shelves	10
Gas and electrolyte analyzer, with appropriate reagents for at least 100 tests	1
X-ray machine, mobile: fully digital, integrated with a high-resolution screen that will instantly display the patient's image. Wireless Detector 35 * 35 or larger, generator with not less than 15KW power, with integrated power supply that provides imaging for at least 30 patients with maximum power. It should be easy to move around clinic. LAN / WiFi support, 230V / 50Hz.	1
Ultrasound diagnostic device, portable, high class, with at least 3 transducers, with proper cart, integrated batteries. General tests Color Doppler display, Cardiology. With abdominal, linear, and cardio transduction	1
Flowmeter with Moisturizing Cup: Flowmeter with Medical Oxygen Standard DIN Standard: High Resistance, Metal Monobloc, Scale Transparent Material (polyamide): 0-15 l / min; With regulator; Special different diaphragm adapter / transmitter and separate - appropriate moisturizing cup 250 ml or more;	70
bronchoscope	2
gastroscope	1
pump	50
dialysis machine	1
Solution heating system	6
Portable pulse oximeter for adults	5
Multiple use silicone contour with compatible valve	120
ER	
ventilator: resuscitation model, works on compressed air and oxygen. With stand, universal (pediatric and adult) with invasive and noninvasive breathing regimes.	1
ventilator: portable (pediatric and adult) with oxygen tank different breathing regimes.	2
basic patient monitor system: (ECG, Resp, HR, NIBP, Temp, SpO2,) with touch screen.	15
pediatric shock stretcher	2
stretcher for adults, with maximum patient weight 200 kg or higher	20
Defibrillator biphasic: 360 Julian, adult and pediatric with multiple electrodes, cardio version, self-test and diagnostic functions	2

negatoscope 35*42		2
medical Instrument table (manipulation table), rack, wheels, protective surface barrier from 3 sides.		10
medical cart: shock table, with drawers		5
Infusion Pump: Compatible with different manufacturer's syringes (10-50mm or larger) must be able to change operating parameters, with built-in batteries and a proper alarm system.		20
syringe pump, volumetric: Drip chamber, compatible with different manufacturer systems		5
pressure infusion bag		15
high pressure surgical suction pump not less than 50 liters per minute . Two cans not less than 2 L		3
12 channel cardiograph machine with cart for a4 paper: Cable suspension, for clamping multiple use electrodes and use of adhesive electrodes		2
Cabinet for medicines and consumables		6
High-risk medication Wardrobe with lock		1
Safe (medium size, cabin. 30 * 50 * 40 cm)		1
LED mobile lights		1
Wheelchair, to move the patient within the building		5
privacy screen with 3-4 wings		40
Video laryngoscope with different sized blades, 2-2 pieces with multiple blades		1
Ambu - Masks for adults		5
Ambu - Masks pediatric		2
Portable oxygen tank 5-10 liters, with reductor (with DIN standard flowmeter)		5
glucometer with strips		5
Stainless steel Shelves		5
mobile Ultrasound machine high-end, at least 4 transmitters, with cart, integrated batteries and With different software capabilities.		1
Flowmeter with Moisturizing Cup: Flumeter with Medical Oxygen Standard DIN Standard. High Resistance, Metal Monobloc, Scale Transparent Material (polyamide): 0-15 l / min; With regulator; Special different diaphragm adapter / transmitter and separate - appropriate moisturizing cup 250 ml or more;		30
tool stand		50
Gas and electrolyte analyzer, with appropriate reagents for at least 100 tests		1
Portable pulse oximeter for adults		5
OR		

An anesthetic machine designed for adults and pediatric patients. With two evaporators, an anesthetic gas module. The color screen to display various breathing parameters as well as the concentration of oxygen and the percentage of anesthetic supplied in the air. The respiratory pneumatic module should be washable and sterilized	2
Patient monitor, compatible with anesthetic apparatus. With at least a 15-inch screen. ECG, Resp, HR, NIBP, Temp, SpO2, NIPP, IBP, IAN / WIFI, OxyCRG (High Class Pediatric / Adult)	2
Operational surgical lighting with LED technology, two satellites 150000/110000 lux. With the ability to adjust the light temperature range and brightness. With different software capabilities of the lights. With a high possibility of protection from shading. Additional sterile handles should be included in the kit.	1
Operating Surgical Table. Electric or electric hydraulic. The patient's weight less than 160 kg. With high quality washable mattress. Accessories: gynecological / urological legs, anesthetic stand, infusion tripod.	1
Defibrillator biphasic: 360 Julian, adult and pediatric with multiple electrodes, cardio version, self-test and diagnostic functions	1
medical cart: shock table, with drawers	1
Infusion Pump: Compatible with different manufacturer's syringes (10-50mm or larger) must be able to change operating parameters, with built-in batteries and a proper alarm system.	4
syringe pump, volumetric: Drip chamber, compatible with different manufacturer systems	1
pressure infusion bag	2
high pressure surgical suction pump not less than 50 liters per minute . Two cans not less than 2 L	2
12 channel cardiograph machine with cart for a4 paper: Cable suspension, for clamping multiple use electrodes and use of adhesive electrodes	1
Cabinet for medicines and consumables	1
Safe (medium size, cabin. 30 * 50 * 40 cm)	1
Video laryngoscope with different sized blades 2-2 pieces with multiple blades	1
Laryngoscope set, Macintosh, with 1,2,3,4 size blades (high quality)	1
Laryngoscope set, miller with 1,2,3,4 size blades (high quality)	1
Laryngoscope set, pediatric with blades size 0.1 and higher (high quality)	1
Ambu - Masks for adults	2
Ambu - Masks pediatric	1
Surgical instruments set (general thoraco-abdominal, neuro, microsurgical)	1
solution heating system	2
patient heating system	2
Radiology Unit	

Computer tomography: at least 64 layers, with different applications, with a special program compatible modern protocol for lung tests with subsequent appropriate updates in future. Gentry diameter not less than 72 cm, table load capacity, not less than 220 kg; ; Set: digital printer for different sizes of tapes; Continuous power supply of appropriate capacity and characteristics, injector for 200 ml syringes, cart, remote control.		1
Digital Xray		1
Ultrasound machine		1
Clinical Laboratory		
Hematological analyzer: 5-dip, standard and additional parameters, including CRP and NLP; With adequate reagents sufficient for at least 300 analyzes		1
Biochemical analyzer, automatic-performance 220 tests / h or more (list of reagents provided separately)		1
automatic Immunological analyzer, (list of reagents provided separately)		1
Coagulometer, automatic		1
Urine analyzer, automatic		1
Centrifuge, 10-1500 rpm; general		1
Centrifuge, for small samples 2-20000b / min		1
Pipette set (should include 5 mcg - 1000 mcl, with different scales)		1
Dispenser, for adjustable dosing		1
Laboratory Scale		1
work bench		1
work bench for equipment		3
cabinet		1
shelf		1
WARDS		
Standard hospital beds		
Table for patient feeding, table-top, mobile		150
ICU stations		30
Resuscitation beds		20
Defibrillator Biphasic 360 Joules, Adult and Pediatric Multiple Electrodes, Cardio Version, Self-Test Diagnosis.		10
Shock table (cart)		10
Cardiograph with a 3-channel color liquid crystal display, the display should have 12 outputs. With different software capabilities. With the ability to process a cardiogram. With multiple chest and limb electrodes. (Can be sterilized and disinfected), with proper cart, with multiple electrodes		60
Patient monitor, basic: (ECG, Resp, HR, NIBP, Temp, SpO2,), sensory, with easy to clean screen		50

Glucometer with strips (100)		2
Flowmeter with Moisturizing Cup: Flumeter with Medical Oxygen Standard DIN Standard: High Resistance, Metal Monobloc, Scale Transparent Material (polyamide): 0-15 l / min; With regulator; Special different diaphragm adapter / transmitter and separate - appropriate moisturizing cup 250 ml or more;		4
Tripod		72
Laryngoscope set, Macintosh, 1,2,3,4 size with blades (high quality)		1
Laryngoscope set, Miller, 1,2,3,4 size with blades (high quality)		1
High-pressure surgical resection not less than 50 l / min, with two jars, not less than 2 l		2
Infusomat, volumetric: Drip compatible with different manufacturer's systems		2
Soap dispenser		72
STERILIZATION		
2-door horizontal Steam sterilizer: mint 300 l. With different sterilization modes. With built-in printer. crystal color screen, with proper cart for loading / unloading materials		2
Plasma sterilizer: at least 100 liters, with liquid crystal color screen. Different modes of sterilization.		1
Sterile packing irons: High quality, designed for high hospital load. With the possibility of temperature regulation. The minimum width of the package is min 45 cm. (Should be able to pack Packages for plasma sterilizers)		2
Stainless steel shelf: app. 40 * 100 * 200 cm		10
Washing utensils (durable plastic container 4 different sizes up to 5-40 liters, set		3
Ultrasonic washer, capacity 20 l or more		1
Table, stainless metal: app. size 70 * 70 * 150 cm, proper, easy to wash, adjustable in height with a soft-seat, round chair		3
Sterile item cart, with a closing door, locking wheels, to keep at least 4 big sterilization containers		2
Washing sink (deep chan) with warm, cold, clean water and compressed air supply		2
Working table - lockable, for packing irons and rolls with proper stand-up, approximate length-width: 150 * 100 cm		1

Equipment for Primary Care Units

Item	Number of units
Standard equipment set per primary care clinics (otoscope, ophthalmoscope, ECG)	1200
Standard furniture per unit	800
Integrated telemedicine equipment for primary care sites	500