

NORTH MACEDONIA EMERGENCY COVID-19 RESPONSE PROJECT

TERMS OF REFERENCE

EXPERT FOR MEDICAL EQUIPMENT VALIDATION AND VERIFICATION

I. Background

The Ministry of Health (MoH) and the Ministry of Labor and Social Protection (MLSP) supported by the World Bank undertook the implementation of the Emergency COVID-19 Response Project (ERCP) to prevent, detect and respond to the threat posed by COVID-19 and strengthen national systems for public health preparedness.

The Project has the following three components:

Component 1 – Emergency COVID-19 Response

- Subcomponent 1.1: Enhancing case detection, confirmation, contact tracing, reporting and monitoring
- Subcomponent 1.2: Health system strengthening
- Subcomponent 1.3: Financing of bonuses for health workers
- Subcomponent 1.4: Vaccine purchasing

Component 2 – Household Support to Enable Social Distancing

- Subcomponent 2.1: Temporary social assistance support
- Subcomponent 2.2: Temporary unemployment insurance support

Component 3. Project Implementation, Communications, Community Engagement, and Monitoring

Component 1: Emergency COVID-19 Response

II. Specific Background

Within the Project Component 1, purchase of medical equipment for public health institutions is envisaged.

III. Main objective of the assignment

The main objective of this assignment is conducting validation and verification of the medical equipment

IV. Scope of work

The expert shall provide on site validation and verification of the medical equipment procured from two Suppliers in order to confirm whether the equipment delivered and the software installed is in accordance to the technical specifications specified in the signed contracts.

The technical details/specifications of the procured medical equipment (as given in the signed contracts with the Suppliers) are given in Annex 1 to this TOR:

Scope of work

The Consultant is required to:

- Validate and Verify whether that the equipment delivered per location is in accordance to the technical specifications (Annex 1 to the TOR) and data sheets that shall be provided to the selected Expert
- Validate and Verify whether that the software installed is in accordance to the technical specifications (Annex 1 to the TOR) and data sheets that shall be provided to the selected Expert

V. Consultant's deliverables

The Consultants must prepare and deliver the following documents in Macedonian and English language:

Signed Confirmation that the equipment delivered and the software installed within it, per location, is in accordance to the technical requirements given in the signed contracts with the Suppliers (Annex 1 to the TOR), or provide item by item comments on each nonconformity identified. The expert will also verify whether the delivered equipment is in accordance to the defined quantities.

The reports will be prepared and submitted to the Ministry of Labour and Social policy and Ministry of Health.

VI. Qualifications

The Expert should have the following relevant qualifications:

- Experience related to validation of medical equipment
- Experience related to software validation
- Experience with servicing and testing of medical equipment
- Knowledge or experience with quality audits

VII. Selection method and contract

The selection method is “Individual Consultant Selection ” and the contract shall be Lump Sum according to the World Bank’s Procurement Regulations for IPF Borrowers for Goods, Works, Non-Consulting and Consulting Services, dated July 1, 2016 (revised in November 2017 and August 2018)., www.worldbank.org.

VIII. Duration of the assignment

The expected start date of the assignment is three days after giving notification for starting the assignment. The planned duration of the assignment is 3 weeks but no later than March 31, 2023

Annex 1 Technical Specifications of the procured medical equipment

Annex 1.1 Technical Specifications of the procured medical equipment from the Supplier No.1

Our product offers are based on the following Quote-ID's

Item Nr	Quote-ID	Item Description
1	CPQ-671271-0	X-Ray Mammography: Mammomat Revelation
2	CPQ-631149-1	X-Ray Mammography: Mammomat Inspiration
3	CPQ-671237-1	Computed Tomography: Somatom go.Top
4	CPQ-670566-0	Mobile C-Arm: Cios Select
5	CPQ-671465-0	Angiography: Artis Q
6	CPQ-671092-0	Angiography: Artis One Electro
7	CPQ-671117-0	Angiography: Artis Icono
8	CPQ-670639-0	Angiography: Artis One Cardio

No1. - CPQ-671271-0 - MAMMOGRAPHY SYSTEM Digital for diagnostics including tomosynthesis and stereotactile biopsy, with additional diagnostic working station

Part Nr.	Product Description
	MAMMOMAT Revelation VC20 for tomosynthesis
14467684	MAMMOMAT Revelation
14467741	Operator table w. radiation shield
14467687	Acquisition Workstation with Tomo
14467689	Stereo Biopsy Option
14459972	Standard compression plate 18x24 h
14459971	Footswitch for release of radiation
14409855	3MP High Resolution TFT Display I
14404757	Factory Install. Digit. Eur.
	XP Accessories
	XP Other Accessories
10400170	Bushing Insp/Fus/Rev, steel 16G
10400172	Bushing Insp/Fus/Rev, steel 20G
	XP Other Accessories
	XP Accessories
	syngo.via Entry Diagram CPQ
14432691	syngo.via XP Bundle Identifier
14456549	syngo.via Project Identifier
14474714	Workplace/Workstation Hardware
14457028	Prime HW Support WS 5y
14477553	Monitor EIZO RX1270 col. 12MP
10847183	Configurable Workflow Keypad
14444817	syngo.via Modality WP Impl. Pkg. HQ
14442297	Travel Costs HQ
	syngo.via
14477241	s.via MAMMOVISTA B.smart WP VB60
14476566	syngo.via VB60 Documentation Check
14471801	MAMMOVISTA B.smart Reading #1
	syngo.via
	syngo.via - Application Training Managed Locally
14445153	AppS Train Pkg. s.via BreastCare WP
	syngo.via - Application Training Managed Locally
	syngo.via Entry Diagram CPQ
	MAMMOMAT Revelation VC20 for tomosynthesis

No. 2 - CPQ-631149-1 - MAMMOGRAPHY SYSTEM Digital, for diagnostics, with additional diagnostic working station

Part Nr.	Product Description
	MAMMOMAT Inspiration
14449034	MAMMOMAT Inspiration
14467741	Operator table w. radiation shield
14404858	Standard compr.plate 18x24 h Insp
14404866	Standard compr. plate 24x30 h Insp
14404893	Footsw. for rel. of radiation Insp
14409855	3MP High Resolution TFT Display I
14404757	Factory Install. Digit. Eur.
14467839	Acquisition Workst. Basic RoW VB61
	syngo.via Entry Diagram CPQ
14432691	syngo.via XP Bundle Identifier
14456549	syngo.via Project Identifier
14474714	Workplace/Workstation Hardware
14457028	Prime HW Support WS 5y
14477553	Monitor EIZO RX1270 col. 12MP
10847183	Configurable Workflow Keypad
14444817	syngo.via Modality WP Impl. Pkg. HQ
14442297	Travel Costs HQ
	syngo.via
14477241	s.via MAMMOVISTA B.smart WP VB60
14476566	syngo.via VB60 Documentation Check
14471801	MAMMOVISTA B.smart Reading #1
	syngo.via
	syngo.via - Application Training Managed Locally
14445153	AppS Train Pkg. s.via BreastCare WP
	syngo.via - Application Training Managed Locally
	syngo.via Entry Diagram CPQ
	MAMMOMAT Inspiration

No. 3 - CPQ-671237-1- CT SCANNER 128 slice; calcium scoring, include CT angiography, virtual endoscopy and dual energy application

Part Nr.	Product Description
	SOMATOM go.Top
14460603	SOMATOM go.Top
14481761	s.via View&GO Bundle Identifier
14460600	Identifier SRS
14468552	Advance Plan Information
	SOMATOM go.All/go.Top - Configuration
14460605	SW Base Package
14472863	SW Base Extension VA40
14468565	TwinSpiral Dual Energy
14468563	myExam Compass
14460625	Neuro Package
14468557	High Performance Package
14468566	TS Spectral Viewing
14468567	TwinBeam Dual Energy
14468568	TB Spectral Viewing
14460606	Scan&GO wireless edition
14460885	307 kg Patient Table
14468564	myExam Cockpit
14460643	Table Accessories Set
14460614	Table Extension
14472322	UPS
14460637	2nd Control-room Monitor
14472320	Integrated Injector Arm
	SOMATOM go.All/go.Top - Configuration
	syngo.via View&GO
14480239	s.via View&GO Promo Bundle CT VA35A
14476334	Cardio Ranges @ s.via View&GO
14476338	Neuro @ s.via View&GO
14476251	syngo.via View&GO Standard HW
14476253	HP Break-FixService s.viaView&GO5y
14457142	Monitor EIZO MX232W col. 2.1MP
14457138	syngo.via View&GO Project Ident
14480231	View&GO VA35A Documentation Check
14479978	CT Bundle Identifier
	syngo.via View&GO

	Education Solutions
14460697	AppS Training Imaging
	Education Solutions SOMATOM go.Top

No. 4 - CPQ-670566-0 - C-ARM SYSTEM Digital (mobile)

Part Nr.	Product Description
	Cios Select VA21 FD
14455967	Cios Select VA21 FD
14455176	2x High Bright TFT monitor
14455150	DICOM Send/Storage Commitment (StC)
14455138	2D measurement function
14455977	Int. detector laser light localizer
14455964	Standard foot switch
14455346	Power Cable RoW
	Cios Select VA21 FD

No. 5 - CPQ-671465-0 - ANGIOGRAPHIC SYSTEM Floor mounted, for interventional radiology procedures

Part Nr.	Product Description
	Artis Q floor Interv. Rad.
14432886	Artis Q floor Interv. Rad.
14432949	MULTISPACE.F
14432948	Automap
14432897	Head-end table tilting
14432947	Fluoro Loop
14432915	2K acquisition
14432925	PERISTEPPING / PERIVISION
14434151	DYNAVISION DSA/DR
14455816	syngo interv. Onco. Engine Pro #P
14446031	syngo 3D Stenosis Measurement
14443023	Sensis Vibe Hemo
14432867	ECG radiolucent cable
14455884	Kit reusable pressure transducers
14432857	Sensis UPS
14432953	Lower body radiation protection
14434158	Fixed upper body rad. protection
14440411	Intercom - Comfort
14434129	Emer. power supply img. system
14432917	DICOM Print

14432950	DICOM RIS-Modality Worklist
14432951	DICOM MPPS
14455903	ELEVATE bonus EOS (bi)
14440491	Factory Inst. Artis floor
	Displays Artis Q /Q.zen/zeego -Artis zee - in the exam. room
14434172	Large Display
14434175	Large Display video controller 9
14443012	LD High Contrast panel size 55"
	Displays Artis Q /Q.zen/zeego -Artis zee - in the exam. room
	Displays Artis Q /Q.zen/zeego -Artis zee - in the control room
14434187	19" display (ref)
	Displays Artis Q /Q.zen/zeego -Artis zee - in the control room
	Artis Q floor Interv. Rad.

No. 6 - CPQ-671092-0 - ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiovascular procedures and electrophysiology

Part Nr.	Product Description
	ARTIS one Edition X CA
14465263	ARTIS one Edition X CA
14465268	Footswitch (cable)
14432948	Automap
14443018	Tube Shielding for EP
14443053	DSA/DR acquisition mode
14432947	Fluoro Loop
14432919	CLEARstent
14440564	PERISTEPPING / PERIVISION
14440527	ECG-triggered FL
14440530	LV Analysis
14432943	Vascular analysis
14440529	Scientific QCA
14440519	3D Imaging & Processing
14440568	LA Segmentation
14443024	Sensis Vibe Combo
14443025	Additional 32 IECG channels
14432867	ECG radiolucent cable
14455884	Kit reusable pressure transducers

14432857	Sensis UPS
14432953	Lower body radiation protection
14434157	Moveable upper body rad. protection
14465267	Large Display
14440411	Intercom - Comfort
14440459	Arm rest
14440533	Emer. power supply img. system
14432917	DICOM Print
14432950	DICOM RIS-Modality Worklist
14432951	DICOM MPPS
14440562	Factory Inst Artis one
	ARTIS one Edition X CA

No. 7: CPQ-671117-0 - ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiosurgical procedures

Part Nr.	Product Description
	ARTIS icono floor Surgery
14465002	ARTIS icono floor Surgery
14465043	Imaging System
14432948	Automap
14465042	OPTIQ with as40HDR GIGALIX
14465015	Multimodality Viewing
14455572	Large Display (pivot mount)
14465030	Large control room display
14465045	ARTIS multi-tilt table
14455543	Tabletop - wide
14455548	Mattress - thick
14465054	Oper. contr. ARTIS table
14465070	1st 4 pedal wireless footswitch
14432929	Head-end holder
14440460	Arm holder (pair)
14440473	Shoulder supports (2 pcs.)
14455544	Tabletop - narrow
14465057	Abdomen radiation prot. CARD/NEURO
14434158	Fixed upper body rad. protection
14432926	Card acq. mode w/high speed
14432947	Fluoro Loop
14465077	syngo EVAR Guidance Engine
14434325	syngo Aortic ValveGuide
14443023	Sensis Vibe Hemo

14432867	ECG radiolucent cable
14455884	Kit reusable pressure transducers
14432857	Sensis UPS
14440411	Intercom - Comfort
14434129	Emer. power supply img. system
14440491	Factory Inst. Artis floor
	ARTIS icono floor Surgery

No. 8: CPQ-670639-0 - ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiovascular procedures

Part Nr.	Product Description
	ARTIS one Edition X CA
14465263	ARTIS one Edition X CA
14465268	Footswitch (cable)
14432948	Automap
14443053	DSA/DR acquisition mode
14432947	Fluoro Loop
14432919	CLEARstent
14440564	PERISTEPPING / PERIVISION
14440527	ECG-triggered FL
14440530	LV Analysis
14432943	Vascular analysis
14440529	Scientific QCA
14443023	Sensis Vibe Hemo
14432867	ECG radiolucent cable
14455884	Kit reusable pressure transducers
14432857	Sensis UPS
14432953	Lower body radiation protection
14434157	Moveable upper body rad. protection
14465267	Large Display
14440411	Intercom - Comfort
14440459	Arm rest
14440533	Emer. power supply img. system
14432917	DICOM Print
14432950	DICOM RIS-Modality Worklist
14432951	DICOM MPPS
14440562	Factory Inst Artis one
	ARTIS one Edition X CA

Detailed Datasheets for all systems will be provided to the Selected Consultant.

End-User Locations

The following table shows the end-user locations and allocated systems:

	Equipment name	Qty	Corresponding attached technical configuration	Model offered	Name of Hospital
No.					
1	ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiovascular procedures and electrophysiology	2	Configuration No.1	Artis one	1.Clinical Hospital Stip-1 pcs 2.University Clinic for Cardiology-1pcs
2	ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiosurgical procedures	1	Configuration No.2	Artis Icono floor mounted	University Clinic for Cardio surgery-1 pcs
3	ANGIOGRAPHIC SYSTEM Floor mounted, for interventional cardiovascular procedures	1	Configuration No.3	Artis one	City General Hospital 8th September-1pcs
4	ANGIOGRAPHIC SYSTEM Floor mounted, for interventional radiology procedures	1	Configuration No.4	Artis Q floor mounted	City General Hospital 8th September-1pcs
5	CT SCANNER 128 slice; calcium scoring, include CT angiography, virtual endoscopy, and dual energy application	4	Configuration No.5	Somatom go.Top	1.Clinical Hospital Tetovo-1pcs 2.City General Hospital 8th September-1pcs 3.University Surgery Hospital St. Naum Ohridski-1pcs 4. University Clinic of Neurology-1pcs

6	C-ARM SYSTEM Digital (mobile)	7	Configuration No.6	Cios Select w Flat Detector	1.Clinical Hospital Tetovo-2pcs 2.City General Hospital 8th September-1pcs 3.University Surgery Hospital St. Naum Ohridski-2 pcs 4.General Hospital Kumanovo-1 pcs 5.Clinical Hospital Stip-1 pcs
7	MAMMOGRAPHY SYSTEM Digital, for diagnostics including tomosynthesis and stereotactic biopsy, with additional diagnostic working station	3	Configuration No.9	Mammomat Revelation with Mammovista B	1.Clinical Hospital Tetovo-1pcs 2.City General Hospital 8th September-1pcs 3.University Institute for radiology-1 pcs
8	MAMMOGRAPHY SYSTEM Digital, for diagnostics, with additional diagnostic working station	4	Configuration No.10	Mammomat Inspiration with Mammovista B	1.General Hospital Kumanovo-1pcs 2.General Hospital Strumica-1pcs 3.General Hospital Struga-1pcs 4.General Hospital Debar-1pcs

Annex 1.1 Technical Specifications of the procured medical equipment from the Supplier No.2

Line Item N°	Description of Goods	Quantity	Unit	Specification
1	Azurion 7 B20 Clarity	1	Each	As described below / attached
2	Azurion 5 C12 Clarity	1	Each	As described below / attached
3	DigitalDiagnosis t C50	7	Each	As described below / attached
4	ClearVue 850 (Urology)	2	Each	As described below / attached
5	ClearVue 850 (Cardiology)	2	Each	As described below / attached

6	ClearVue 850 (Gynecology & Obstetrics)	1	Each	As described below / attached
7	ClearVue 850 (Abdominal & Thyroid)	3	Each	As described below / attached
8	Epiq CVx	1	Each	As described below / attached
9	ClearVue 850 (Radiology)	3	Each	As described below / attached

Part A - Quotation

Item Nr.	Part Nr.	Item description	Qty.
1	NCVD266	Azurion 7 B20/15 LN	1
1	NCVD030	FlexVision XL HD	1
1	NCVD062	optional ref biplane	1
1	NCVD064	extension to FlexVision Pro	1
1	NCVD187	ClarityIQ...	1
1	NCVC201	Single Phase UPS	1
1	NCVA052	Examination light	1
1	FCV0628	Radiation shield	1
1	FCV0627	Bracket for Rad. Shield (ER)	1
1	NCVC855	Vascular/Neuro/Onco Essential.	1
1	NCVC857	Neuro Advanced.	1
1	NCVC544	StentBoost Live	1
1	NCVD178	IW Hardware	1
1	NCVA093	Physio Viewing	1
1	NCVD247	Marker tool	1
1	NCVA695	FD Rotational Angio	1
1	NCVD073	SmartMask Biplane	1
1	NCVD133	FD Dual Fluoro biplane	1
1	NCVC162	DAP meter biplane	1
1	NCVA082	Intercom	1
1	NCVD248	Full system APC	1
1	NCVD091	Xper Flex Cardio on TSM	1
1	NCVA851	Swivel for table base.	1
1	NCVD138	table tilt option	1
1	FCV0258	Arm support	1
1	FCV0248	set of elbow supports	1
1	FCV0251	Head support	1
1	FCV0272	Neuro Wedge	1
1	FCV0625	Table mounted radiation shield	1
1	NCVA781	Dicom Print compose	1

1	NCVD097	DVD writer	1
1	NCVD098	Quantitative Vascular Analysis	1
1	NCVD099	Quantitative Coronary Analysis	1
1	FCV0588	Isolated Wall Connection Box	4
1	FCV0017	CS universal cable carrier	1
1	45980187693 1	TERMINAL BLOCK (WKN70) CRC-D	1
1	45980107965 1	Cabinet Rear Cover	4
1	45980161331 1	Cabinet Rear Cover Deep	1
1	98960020586 2	Floorplate Swivel Xper Table	1
1	98960013332 2	Floorplate for C-stand	1
1	45980068421 1	Clip rails for Larc (430cm)	1
1	45980093836 1	Clip rails for MCC (390cm)	1
1	45980070672 2	MONITOR CEILING CARRIAGE	1
1	45980107871 1	Cable Management Cabinet	1
1	NICA523	StrokeViewer Implementation	1
1		UPS	1
1	NCVD305	Basic CR 1 display	1
1	NCVC610	Live Hemo on XL screen	1
1	M1663A	CBL 10 Lead ECG Trunk AAMI/IEC 2m	1
1	M1978A	CBL 5 Leadset, Grabber, Chest, IEC, ICU	1
1	M1971A	CBL 5 Leadset, Grabber, IEC, ICU	1
1	M1943A	SpO2 9-pin D-sub Adapter cbl 1.1m(8-pin)	1
1	98980320590 1	SPO2 Reus Adult Clip Sensor M1196A	1
1	M1572A	Comfort Care Cuff, Pediatric	1
1	M1574A	Reusable NIBP Comfort Cuff/ adult	1
1	M1575A	Comfort Care Cuff, Large Adult	1
1	M1599B	Adult NIBP Air Hose 3.0m	1
1	M1574XL	Comfort Care Cuff, Adult XL	1
1	NITE428	XIM 5.1 Mandatory Lic Hemo	1
1	867030_H72	H72 Critical Care Transport SW	1
1	867030_B06	B06 Dual Press and Temp	1
1	867030_SP1	SP1 FAST SpO2	1
1	867030_C12	C12 Conventional 12 Lead ECG	1

1	867030_C99	C99 Hemo System-ready	1
1	867030_K14	K14 Dual IBP Adapter	1
1	867043	IntelliVue Dock	1
1	867043_SN3	SN3 Sync Signal Cable	1

Item Nr.	Part Nr.	Item description	Qty.
2	NCVD289	Azurion 5 C12	1
2	NCVD029	FlexVision XL	1
2	NCVD067	ClarityIQ	1
2	NCVA052	Examination light	1
2	FCV0628	Radiation shield	1
2	FCV0627	Bracket for Rad. Shield (ER)	1
2	NCVC687	Coronary Advanced	1
2	NCVA093	Physio Viewing	1
2	NCVD137	CardiacSwing	1
2	NCVD139	rotational scan	1
2	NCVA780	Digital subtracted Angio	1
2	NCVD072	SmartMask Monoplane	1
2	NCVC161	DAP meter monoplane	1
2	NCVA082	Intercom	1
2	NCVD248	Full system APC	1
2	NCVD091	Xper Flex Cardio on TSM	1
2	NCVA783	Pivot for table base.	1
2	FCV0510	Long mattress cardio	1
2	FCV0258	Arm support	1
2	FCV0248	set of elbow supports	1
2	FCV0625	Table mounted radiation shield	1
2	NCVD097	DVD writer	1
2	NCVD099	Quantitative Coronary Analysis	1
2	NCVD100	Left Ventricular Analysis	1
2	FCV0588	Isolated Wall Connection Box	4
2	FCV0824	video WCB on rear side 1st MCS	1
2	FCV0017	CS universal cable carrier	1
2	459801876931	TERMINAL BLOCK (WKN70) CRC-D	1
2	459801079651	Cabinet Rear Cover	3
2	459801613311	Cabinet Rear Cover Deep	1
2	989600205302	FLOORPLATE AD5/AD7(NONSWIVEL)	1
2	459800660501	Clip rail 390 cm G-Stand	1
2	459800938361	Clip rails for MCC (390cm)	1
2	459800706722	MONITOR CEILING CARRIAGE	1
2	459801078711	Cable Management Cabinet	1

2		UPS	1
2	NCVD305	Basic CR 1 display	1
2	NCVC610	Live Hemo on XL screen	1
2	M1663A	CBL 10 Lead ECG Trunk AAMI/IEC 2m	1
2	M1978A	CBL 5 Leadset, Grabber, Chest, IEC, ICU	1
2	M1971A	CBL 5 Leadset, Grabber, IEC, ICU	1
2	M1943A	SpO2 9-pin D-sub Adapter cbl 1.1m(8-pin)	1
2	989803205901	SPO2 Reus Adult Clip Sensor M1196A	1
2	M1572A	Comfort Care Cuff, Pediatric	1
2	M1574A	Reusable NIBP Comfort Cuff/ adult	1
2	M1575A	Comfort Care Cuff, Large Adult	1
2	M1599B	Adult NIBP Air Hose 3.0m	1
2	M1574XL	Comfort Care Cuff, Adult XL	1
2	NITE428	XIM 5.1 Mandatory Lic Hemo	1
2	867030_H72	H72 Critical Care Transport SW	1
2	867030_B06	B06 Dual Press and Temp	1
2	867030_SP1	SP1 FAST SpO2	1
2	867030_C12	C12 Conventional 12 Lead ECG	1
2	867030_C99	C99 Hemo System-ready	1
2	867030_K14	K14 Dual IBP Adapter	1
2	867043	IntelliVue Dock	1
2	867043_SN3	SN3 Sync Signal Cable	1

Item Nr.	Part Nr.	Item description	Qty.
3	NRDT153	DigitalDiagnost C50 1.1	1
3	NRDT146	Value Room	1
3	NRDT161	Digital VS Stand Wireless Det	1
3	NRDT086	Digital TH table with tray for wireless detector	1
3	NRDT011	Generator 65KW/SRO33100 Package	1
3	NRDN191	Automatic optimal image resolution	1
3	NRDN421	Stretch grip for the VS or VM vertical stand	1
3	NRDT150	Rails Extension CS	1
3	NRDN238	SkyFlow Plus	1
3	NRDT020	Vacutec DAP Package	1
3	989701002961	Premium Shipment DigitalDiagnost C50	1

Item Nr.	Part Nr.	Item description	Qty.
4	NUSS075	ClearVue 850 Ultrasound System	1
4	NUSS125	Shared Serv Clin Opt	1

4	NUSS048	iScan Color and Doppler	1
4	NUSS083	FloVue	1
4	FUS6431	C5-2 Transducer	1
4	FUS6432	C9-4v Transducer	1
4	FUS6438	L12-5 38 Transducer	1
4	NUSS068	B/W Printer	1

Item Nr.	Part Nr.	Item description	Qty.
5	NUSS075	ClearVue 850 Ultrasound System	1
5	NUSS127	Cardiology Clin Opt	1
5	NUSS129	Vascular Clinical Opt	1
5	NUSS044	Smart Exam Protocols	1
5	NUSS048	iScan Color and Doppler	1
5	NUSS050	Anatomical Mmode	1
5	NUSS083	FloVue	1
5	FUS6437	L12-4 Transducer	1
5	FUS6434	S4-1 Transducer	1
5	NUSS068	B/W Printer	1

Item Nr.	Part Nr.	Item description	Qty.
6	NUSS075	ClearVue 850 Ultrasound System	1
6	NUSS126	OB/ GYN Clinical Opt	1
6	NUSS055	4D Imaging	1
6	NUSS056	Auto Face Reveal	1
6	NUSS057	3D Fetal ECHO STIC	1
6	NUSS048	iScan Color and Doppler	1
6	FUS6432	C9-4v Transducer	1
6	FUS6436	V6-2 Transducer	1
6	NUSS068	B/W Printer	1

Item Nr.	Part Nr.	Item description	Qty.
7	NUSS075	ClearVue 850 Ultrasound System	1
7	NUSS128	General Imag Clinical Opt	1
7	NUSS044	Smart Exam Protocols	1
7	NUSS048	iScan Color and Doppler	1
7	NUSS082	Elastography	1
7	NUSS083	FloVue	1
7	FUS6431	C5-2 Transducer	1
7	FUS6438	L12-5 38 Transducer	1

7	NUSS068	B/W Printer	1
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Item Nr.	Part Nr.	Item description	Qty.
8	NUSX003	EPIQ CVx 2D System	1
8	NUSX050	CV Clinical Pkg	1
8	NUSX090	xMATRIX xPlane	1
8	NUSX294	AutoStrain LV	1
8	NUSX135	Contrast Card Perfusion	1
8	NUSX157	Auto Measure	1
8	NUSX155	Battery Ext Life Pkg	1
8	FUS9354	X8-2t Transducer	1
8	FUS9376	L12-3 Ergo Transducer	1
8	FUS9390	S5-1 Transducer	1
8	NUSX234	Internal B&W Printer	1
8	NUSX275	OLED Display Monitor	1

Item Nr.	Part Nr.	Item description	Qty.
9	NUSS075	ClearVue 850 Ultrasound System	1
9	NUSS125	Shared Serv Clin Opt	1
9	NUSS048	iScan Color and Doppler	1
9	NUSS082	Elastography	1
9	FUS6431	C5-2 Transducer	1
9	FUS6438	L12-5 38 Transducer	1
9	NUSS068	B/W Printer	1

Detailed Datasheets for all systems will be provided to the Selected Consultant.

End-User Locations

Line Item N°	Description of Goods	Quantity required	Physical unit	Named Place of Destination (for CIP) or Named Place (for FCA)	[As applicable] Place of Final Destination (Project Site)
1	Azurion 7 B20 Clarity	1	Each	Tetovo	Clinical Hospital Tetovo (1)

2	Azurion 5 C12 Clarity	1	Each	Bitola	Clinical Hospital Bitola
3	DigitalDiagnosis t C50	7	Each	Tetovo (2) Skopje (2+1) Kumanovo (1) Strumica (1)	Clinical Hospital Tetovo (2) City General Hospital 8 th September (2) University Surgery Hospital St. Naum Ohridski (1) General Hospital Kumanovo (1) General Hospital Strumica (1)
4	ClearVue 850 (Urology)	2	Each	Tetovo (1) Kumanovo (1)	Clinical Hospital Tetovo (1) General Hospital Kumanovo (1)
5	ClearVue 850 (Cardiology)	2	Each	Tetovo (1) Kumanovo (1)	Clinical Hospital Tetovo (1) General Hospital Kumanovo (1)
6	ClearVue 850 (Gynecology & Obstetrics)	1	Each	Tetovo (1)	Clinical Hospital Tetovo (1)
7	ClearVue 850 (Abdominal & Thyroid)	3	Each	Tetovo (2) Strumica (1)	Clinical Hospital Tetovo (2) General Hospital Strumica (1)
8	Epiq CVx	1	Each	Ohrid (1)	Specialized hospital for cardiovascular diseases – Ohrid (1)
9	ClearVue 850 (Radiology)	3	Each	Tetovo (1) Skopje (2)	Clinical Hospital Tetovo (1) City General Hospital 8 th September (1) University Institute for radiology (1)