

Pooled Procurement Mechanism Reference Pricing: COVID-19 Laboratory and Health Equipment, Cold Chain Consumables and Waste Management

Version Q4 2023 – October 2023

This information will be updated periodically, with the latest made available [here](#)

This document presents contents in the same order as done in the Health Product Segmentation Framework

COVID-19 SEQUENCING ANALYZER¹

Illumina Equipment

Product Description	Reference price per Unit EXW, USD	Service contract * after year 1 (per year)	Max Throughput per week
iSeq100 (Cat No 20021532)	16,915	33%	30 -50 samples
MiniSeq (Cat No 15073750)	42,075	15%	288 samples
MiSeq (Cat No 15034551)	84,150	15%	288 samples
NextSeq550 (Cat. No 15046626)	233,750	15%	1152 samples
NextSeq1000 (Cat. No 20038898)	178,500	15%	1152 samples
NextSeq2000 (Cat. No 20038897)	284,750	15%	1152 samples
NovaSeq 6000 (Cat. No 20012850)	837,250	15%	1152 samples

***Service contract:** the calculation of additional years of warranty (after the installation year that is included in the price) is the percentage per year calculated on the price of the equipment

Library Preparation, including Sequencing Consumable's and additional components

Product Description	Platform	Reference price EXW, USD
COVIDSeq Assay (96 samples) index 2 (Cat No. 20051772)	MiniSeq, MiSeq	3,072
Illumina COVIDSeq Test (3072 Samples) (Cat No 20043675)	NextSeq 550 1000/2000	92,000

¹ See PFSCM's NGS guidance: https://pfscm.org/wp-content/uploads/2021/12/PFSCM_COVID_NGS_Guidance_2021.pdf

The list is not exhaustive and will be updated as more suppliers come on board.

Please see below the requested inputs to calculate budget allocation and appropriate product selection (Library preparation, Sequencing Consumables, additional components):

- 1) sample numbers requested (per year)
- 2) expected samples per week
- 3) additional years of service contract

Kindly reach out to below email address with the 3 points to request a budget calculation and guidance on the appropriate product selection for sequencing analyzer: ngs@pfscm.org

OTHER HEALTH EQUIPMENT

Product Description	Reference price per Unit EXW, USD
Blood gas analyzer* *Depending on the manufacturers, it is essential to identify local solutions for after sale support and Reagent supplies to ensure continuity in services	15,000
Blood gas analyzer, portable (Point of Care) * *Depending on the manufacturers, it is essential to identify local solutions for after sale support and Reagent supplies to ensure continuity in services	7,500
Electrocardiogram (ECG) digital monitor and recorder, 3 channels	635
Electrocardiogram (ECG) digital monitor and recorder, 12 channels	1,500
Electronic drop counter for IV fluids with adjustable flow rate (mL/hr) and/or drops per minute and/or total volume administered	400
Infusion Pump	700
Syringe Pump	500
Ultrasound, portable color Doppler with 1x convex probe	15,000
X-ray equipment	See detailed offer in table below

X-RAY EQUIPMENT DETAILED OFFER

Product Description	Type	Reference price per Unit EXW, USD	Add-on cost for services
X-ray unit, Battery-powered, Ultra-lightweight portable, DR system - Up to 100 exposures per day - Advanced image-processing unit, low-dose, high-resolution imaging - Wireless and compact design with AI empowered X-ray screening - Tuberculosis & COVID screening	Portable	49,750	EXW unit price of the X-ray unit is excluding the cost of Computer Aided Detection/screening, installation and training services. Optional: <ul style="list-style-type: none"> - USD 2,000/ day: Charges for services (Online Installation and training) - USD 20,000: Artificial Intelligence (AI) software and computer - USD 2,000: AI installation and training Unlimited number of readings free of charge
X-ray unit, Battery-powered, ultra-portable DR system - Up to 50-100 exposures per day - High quality X-ray images at the lowest possible patient dose - Wireless and compact design with AI empowered X-ray screening - Tuberculosis & COVID screening	Portable	59,500	EXW unit price of the X-ray unit is excluding the cost for Computer Aided Detection/screening, installation and training services. The CAD software, hardware, training and installation (online/ onsite) can be purchased as a complete package or separately
X-ray unit, AC-powered, portable DR X-ray system - Complete portable digital radiography system - Compact and low weight design - High functionality for in-field imaging with tethered detector - Power input 100–140 or 200–260 VAC, 50/60 Hz - Wheeled transport stand, the system is easily moved and positioned as required for imaging. The Flat Panel Detector is securely stored and protected on the transport stand and easily removed when needed.	Portable	80,000	EXW unit price of the X-ray unit only. Artificial Intelligence software can be integrated on laptop supplied with the X-ray system. Optional: <ul style="list-style-type: none"> - Charges for services (Online training): Free - AI Readings Software required is Pay per use model to be ordered with the system upfront.
Stationary X-ray screening clinics in container (X-ray and laboratory).	Stationary	280,000	ADD-on costs will be determined case by case at requisition stage
X-ray and Tuberculosis lab, OneStop TB mobile clinic (in 4x4 truck single cabin): The clinic includes compact solution, DR digital X-ray system. The Computer-Aided Detection for Tuberculosis software analyses a digital Chest X-ray and generates a score between 0-100 indicating the likelihood of Tuberculosis.	Mobile	380,000	ADD-on costs will be determined case by case at requisition stage
* Mandatory CAD/AI: Perpetual license fee (unlimited readings)	Software	12,750	
* Optional/Recommended: Online Training and installation	Service	2,500	
* Optional/Recommended: Onsite Training and installation	Service	4,000-8,500	
* Optional: Warranty Extension (est. cost per Year)	Service	6,500	

LABORATORY EQUIPMENT

Product Description	Reference price per Unit EXW, USD
Autoclave for laboratory, Capacity 40L	4,000
Autoclave for laboratory, Capacity 62L	5,500
Biological Safety Cabinet, Class II Type A2, w/ Stand + UV Light	4,800
Benchtop Centrifuge, 4 Rotor position	4,000
Benchtop Centrifuge, 8 Rotor position	6,000
Incubator Capacity 32L	1,400
Laboratory freezer, Ultra-Low Temp (-80°C to -20°C), Capacity 217L	12,020
Laboratory freezer, Ultra-Low Temp (-80°C to -20°C), Capacity 454L	13,500
Laboratory freezer, Ultra-Low Temp (-80°C to -20°C), Capacity 602L	14,930
Laboratory freezer, Ultra-Low Temp (-80°C to -20°C), Capacity 751L	17,020
Laboratory refrigerator, Capacity 390L	4,000
Laboratory refrigerator, Capacity 517L	7,600
Laboratory refrigerator, Capacity 645L	6,950
Microcentrifuge with Rotor capacity 6 position	350
Microcentrifuge with Rotor capacity 8 position	700
Thermoblock	600
Refrigerated benchtop centrifuge, 4 Rotor position	5,500
Refrigerated benchtop centrifuge, 8 Rotor position	6,500
Vortex mixer	500

COLD CHAIN CONSUMABLES

Product Description	Reference price per Unit EXW, USD
Cold box*, Long Range, Capacity 6L, Ext. Dimension: 65 (L) x 53(W) x 46(H) cm Int. Dimension: 40 (L) x 27.8 (W) x 20(H) cm Supplied with collentpack: 26 ice packs of 0.4 Ltr WHO PQS compliant product E004/034	80
Cold box*, Long Range, Capacity 20.25L, Ext. Dimension: 77(L) x 62(W) x 53.5(H) cm Int. Dimension: 51(L)x 36(W) x 27.5(H) cm Supplied with collentpack: 44 ice packs of 0.4 Ltr WHO PQS compliant product E004/036	112
Cold box, Capacity 7L (with 14 ice-packs 0.6 liter, liquid crystal thermometer) Ext. Dimension (HxWxD): 499mm x 550mm x 475mm) WHO PQS compliant product E004/004	733
Cold box, Capacity 20L (with 24 ice-packs 0.6 liter, liquid crystal thermometer) Ext. Dimension (HxWxD): 499mm x 710mm x 550mm) WHO PQS compliant product E004/005	610
Data logger, reusable, electronic, wireless, temperature range -30°C to +70°C	47
Data logger, reusable, electronic, wireless, temperature range -40°C to +85°C	56
Data logger, Single use, Ultra-thin, small temperature range -30°C to +70°C	12

*More updates on cold boxes are expecting in the following weeks

WASTE MANAGEMENT

Product Description	Reference price per Unit, EXW, USD	Reference Price Installation & Commissioning (price does not include travel and accommodation)
Microwave with integrated shredder (continuous process) 75 - 100 kg/hr	395,174.00	
Microwave with integrated shredder (continuous process) 125 kg/hr	625,275.00	
Microwave with integrated shredder(continuous process) 250 kg/hr	820,361.00	
Microwave with integrated shredder (batch process) 20 kg/hr	85,538.00	
Microwave with integrated shredder(batch process) 50 kg/hr	135,560.00	
Microwave with integrated shredder(batch process) 88 kg/hr	185,582.00	
Autoclave 40L with integrated shredder + Accessories	68,099.74	
Biohazard Bag, Clear, 41.5x60cm/15L, pack of 50	22	
Biohazard Bag, Clear, 90x100cm/100L, pack of 50	29	
Biohazard Bag, Red, 41.5x60cm/15L, pack of 50	22	
Biohazard Bag, Red, 90x100cm/100L, pack of 50	29	
Biohazard Bag, Yellow, 41.5x60cm/15L, pack of 50	22	
Biohazard Bag, Yellow, 90x100cm/100L, pack of 50	29	
Safety Box 5L, Carton Board, Pack of 25 Pieces	10.40	
Incinerator, Medical Waste, Low Capacity, burn rate of 20 kg/hr, with spare parts package, fuel tank not included in indicative price	22,150	installation, training, commissioning services typically add on at least 30% of the price of the equipment (if available for final destination)
Incinerator, Medical Waste, Low Capacity, burn rate of 30 kg/hr, with spare parts package, fuel tank not included in indicative price	22,924	
Incinerator, Medical Waste, Medium Capacity, burn rate of 50 kg/hr, with spare parts package, fuel tank not included in indicative price (Inciner8)	35,800	
Incinerator, Medical Waste, Medium Capacity, burn rate of 100 kg/hr,with spare parts package, fuel tank not included in indicative price	56,980	
Incinerator, Medical Waste, High Capacity, burn rate of 225 kg/hr, with spare parts package, fuel tank not included in indicative price	192,800	
Incinerator, Medical Waste, High Capacity, burn rate of 360 kg/hr, with spare parts package, fuel tank not included in indicative price	146,437	
Incinerator, Fuel Tank 650L	2,900	
Incinerator, Fuel Tank 1000L	3,500	
Incinerator, 1 year spare parts package	2,800	

Venture Gas Scrubber	65,000	