

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

29th October 2021

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

COVID-19 SEQUENCING ANALYZER

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)	19,900	10% - 15%	30 -50 samples
MiniSeq (Cat No 15073750)	49,500	10% - 15%	288 samples
MiSeq (Cat No 15034551)	99,000	10%	288 samples
NextSeq550 (Cat. No 15046626)	275,000	10%	1152 samples
NextSeq1000 (Cat. No 20038898)	210,000	10%	1152 samples
NextSeq2000 (Cat. No 20038897)	335,000	10%	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	6,500
Illumina COVIDSeq Test (3072 Samples) (Cat No 20043675)	NextSeq 550 1000/2000	92,000

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	5,000
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	1,500
Ultrasound, portable color Doppler with 1x convex probe	8,000
X-ray equipment	See detailed offer

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	49,000	EXW unit price of the X-ray unit is excluding the cost of Computer Aided Detection/screening, installation and training services. Optional: - 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, Battery-powered, ultra-portable DR system Backpack - Up to 200 exposures per day - Tuberculosis & COVID screening	Portable	83,500	Cost for Computer Aided Detection/screening of tuberculosis and COVID on chest radiographs: <ul style="list-style-type: none"> <u>Software and hardware</u> Software required is Pay per use model to be ordered with the system upfront. - USD 0.85/reading*: Cost per reading <300,000 - USD 6,000: Box computer per X-ray system: The total cost of reading will depend on number of required readings/screenings. Optional: - USD 2,000/ day: Charges for services (Online Installation and training): <i>* Applicable cost per readings above 300,000 readings/screening: USD 0.55/reading</i>
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: - 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): <ul style="list-style-type: none"> 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

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	8,000
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	3,500
Laboratory refrigerator, Capacity 517L	6,600
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, Capacity 20L (with 24 ice-packs 0.6 liter, liquid crystal thermometer) Ext. Dimension (HxWxD): 499mm x 710mm x 550mm	980
Cold box, Capacity 9L (with 14 ice-packs 0.6 liter, liquid crystal thermometer) Ext. Dimension (HxWxD): 499mm x 550mm x 475mm	770
Cold box, Capacity 7L (with 10 ice-packs 0.6 liter, 2 ice-packs of 0.3L, liquid crystal thermometer) Ext. Dimension (HxWxD): 437mm x 588mm x 288mm	400
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

WASTE MANAGEMENT

Product Description	Reference price per Unit, EXW, USD
Autoclave 40L with integrated shredder + Accessories	68,100
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	11
Incinerator**, Medical Waste, Low Capacity, burn rate of 30 kg/hr, with spare parts package	26,000
Incinerator**, Medical Waste, Medium Capacity, burn rate of 70 kg/hr, with spare parts package	31,000
Incinerator**, Medical Waste, Medium Capacity, burn rate of 100 kg/hr, with spare parts package	61,000
Incinerator**, Medical Waste, High Capacity, burn rate of 225 kg/hr, with spare parts package	112,000
Incinerator**, Medical Waste, High Capacity, burn rate of 500 kg/hr, with spare parts package	137,000

**Incinerator specific installation, training, and commissioning price TBD (based on specific project needs)

More updates in these categories are expected in the following weeks.