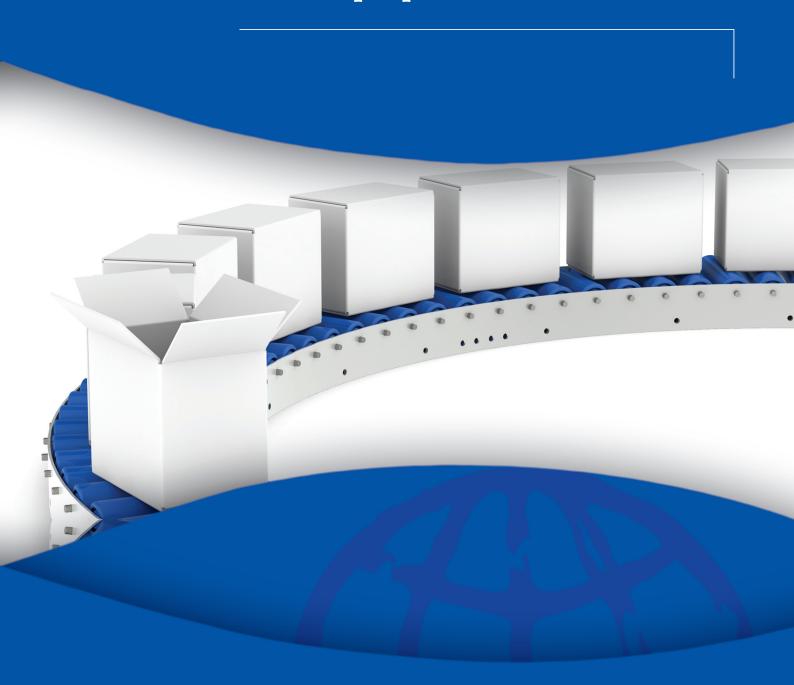


Guidance for procurement of in vitro diagnostics and related laboratory items and equipment





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ABBREVIATIONS

CD4 CD4 T-lymphocyte cost and freight

CIF cost insurance and freight

CLIA chemiluminescence immunoassay

CLSI Clinical and Laboratory Standards Institute
ECL electrochemiluminescence immunoassay

EIA enzyme immunoassay

ELISA enzyme-linked immunosorbent assay

EQA expression of interest external quality assessment

EQAS external quality assessment scheme

FSCA field safety corrective action

FSN field safety notice

GAVI Alliance The Global Alliance for Vaccines and Immunization **GFATM** The Global Fund to fight AIDS, Tuberculosis and Malaria

ICB international competitive bidding

IMDRF International Medical Device Regulators Forum

INCOTERM International Commercial Terms
ISO International Standards Organization

ITB invitation to bid

IVD in vitro diagnostic medical device

LTA long term agreement NAT nucleic acid testing

NGO nongovernmental organisation

NRA national regulatory authority (for medical products)

NRL national reference laboratory
OD/CO optical density to cut-off
OTIF on time and in full

PEPFAR President's Emergency Plan for AIDS Relief

PO purchase order
POCT point of care testing
PMI President's Malaria Initiative
PMS post-market surveillance

PSM procurement and supply management

QA quality assurance QC quality control

QMS quality management system
RDT rapid diagnostic tests
RFP request for proposal
RFQ request for quote

SOP standard operating procedure

SOW scope of work

TCO total cost of ownership
TOR terms of reference
UN United Nations

WHO World Health Organization

GLOSSARY

Analyte	A substance or chemical constituent that is analyzed (identified or measured) by the assay, e.g. polyclonal or monoclonal antibodies or antigen	
Analyser	Equipment that consume reagents, consumables and produce a test result. Usually repaired and maintained by service contracts.	
Ancillary equipment	Freezer, washers, readers, incubators, etc. Usually repaired and serviced by incountry biomedical engineers.	
Cleaning	Process to remove any type of contamination, visible or not.	
Consumables	Items that are used once during testing and are not reused e.g. gloves, pipette tips, etc.	
Decontamination	Procedure that eliminates or reduces microbial or toxic agents to a safe level with respect to the transmission of infection or other adverse effects.	
Disinfection	Process to reduce the number of microorganisms but not usually of bacterial spores, without necessarily killing or removing all organisms, usually from non-living objects such as laboratory equipment or laboratory benches.	
Durables	Items that can be reused for multiple tests such as glassware, plastic ware, etc.	
Equipment	Items such as analysers that may be used for a range of specific assays and general laboratory equipment such as centrifuges, pipettes and incubators	
External quality assessment	A programme designed to assess laboratory performance, i.e. assessment of the quality of the entire testing process from collection of specimen, the testing procedure, to the reporting of testing results. Usually composed of one or more of the following activities: site visits, participation in external quality assessment schemes/proficiency testing and inter-laboratory comparison.	
Hazardous waste	Waste that is potentially harmful to human beings, property or the environment. E.g. used reagent strips contaminated with human blood, reagent solution containing sodium azide, decommissioned instruments containing heavy metals. Includes waste that is flammable, combustible, ignitable, corrosive, toxic, reactive, injurious or infectious.	
In vitro diagnostic medical device (IVD)	A medical device, used alone or in combination, intended by the manufacturer for the examination of specimens derived from the human body solely or principally to provide information for diagnostic, monitoring or compatibility purposes. For example, IVDs can be used for the following test purposes: diagnosis, screening, monitoring, predisposition, prognosis, prediction, determination of physiological status. IVDs also include reagents, calibrators, control materials and specimen receptacles.	

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