Standards for Medical Fitness Centers

Version 1.1

Issue date: 25/12/2023

Effective date: 25/2/2024

Health Policies and Standards Department

Health Regulation Sector (2023)

800342 (DHA) | dha.gov.ae | @dha_dubai | Dubai Health Authority

INTRODUCTION

Health Regulation Sector (HRS) forms an integral part of Dubai Health Authority (DHA) and is mandated by DHA Law No. (14) of the year (2021) amending some clauses of law No. (6) of 2018 pertaining to the Dubai Health Authority (DHA), to undertake several functions including but not limited to:

- Developing regulation, policy, standards, guidelines to improve quality and patient safety and promote the growth and development of the health sector;

- Licensure and inspection of health facilities as well as healthcare professionals and ensuring compliance to best practice;

- Managing patient complaints and assuring patient and physician rights are upheld;

- Governing the use of narcotics, controlled and semi-controlled medications;

- Strengthening health tourism and assuring ongoing growth; and

- Assuring management of health informatics, e-health and promoting innovation.

The Standard for Medical Fitness Centers aims to fulfil the following overarching DHA Strategic Priorities (2026):

- Position Dubai as a global medical destination by introducing a value-based, comprehensive, integrated and high-quality service delivery system.

- Direct resources to ensure a happy, healthy and safe environment for the Dubai population.

- Promote public and private collaboration in healthcare.

- Strengthening the economic contribution of the health sector, including health tourism

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to support Dubai economy.

- Leading global efforts to combat epidemics and infectious diseases and prepare for

  disasters.

ACKNOWLEDGMENT

The Health Policy and Standards Department (HPSD) developed this Standard in collaboration

with Subject Matter Experts and would like to acknowledge and thank these health

professionals for their dedication toward improving quality and safety of healthcare services in

the Emirate of Dubai.

Health Regulation Sector

Dubai Health Authority

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EXECUTIVE SUMMARY

The purpose of this document is to assure the provision of the highest levels of safety and quality for *Medical Fitness Centers (MFC)* and thus, improving healthcare services in the Emirate of Dubai. The standards have been developed to align with the evolving healthcare needs and international best practice. The MFC standards include the licensure requirements, health facility requirements, staffing requirements, medical equipment requirements and services requirements as well as patients' rights and responsibilities.

Medical Fitness screening is the process by which the expatriate population of UAE is medically screened for the purpose of issuing and renewing a residency or working visa as required by the Federal Law.

A Medical Fitness Center should include a laboratory and a radiology department for conducting tests. MFCs are GP or Specialist Led Facilities supported by a radiologist and nursing team who are trained, competent and experienced at performing specific tests and procedures within the confinements of permitted licensure and specialization.

This document should be read in conjunction with the following Documents:

- DHA Health Facility Guidelines 2022.
- Design Manual for Medical Fitness Centers 2022

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DEFINITIONS

Medical Fitness Center: Designated medical centers that perform standardized screening tests that are legally required to obtain a residence visa for the expatriate population of the Emirate of Dubai.

Occupational Health Services: Standardized screening tests to provide Occupational Health Certificates for specified occupational categories as required by the Federal Law.

Smart Center: Medical Fitness Centers that incorporate the latest technology including Artificial Intelligence to provide a quick paperless journey for applicants undergoing Medical Fitness/Occupational Health screening.

Salem System: It is an integrated ERP information system designed to manage all the aspects of Medical Fitness Department Services that allow health care providers to do their job effectively. The system is integrated with IMPAX/AGFA system for Radiology and SUNQUEST for Laboratories.

GP/Specialist Led Center: is a clinic where a GP or Specialist physician takes responsibility for the overall patient care and service provision.

Patient: Any individual who receives medical attention, care, treatment or therapy by a DHA licensed healthcare professional in a DHA licensed health facility.

Client: An individual who utilizes the services offered by Medical Fitness Centers to process the Medical Fitness Certificate or Occupational Health Certificate.

Screening: A screening test is a test done in order to detect potential health disorders or

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disease carrier states in an individual.

Public Relations Officer: A professional responsible for the communication of an organization

to anyone who seeks information about the services the facility provides as well as other

aspect.

Manaar: Online educational portal that offers various courses and trainings.

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ABBREVIATIONS

CDC : Center for Disease Control and Prevention

DAHC : Dubai Academic Health Corporation

DHA : Dubai Health Authority

GDRFA : The General Directorate of Residency and Foreigners Affairs in Dubai.

LOI : Letter of Intent

MFC : Medical Fitness Center

PCI : Prevention and Control of Infection

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1. BACKGROUND

A medical fitness center is a health facility providing screening services for expats. This screening ensures that the applicant is free from communicable and infectious diseases, thereby allowing him/her to obtain a residence permit within the UAE or to renew his/her current residence.

Dubai Health Authority is establishing Medical Fitness Centers Standard to unify the related standards for healthcare providers. Currently, the Dubai Academic Healthcare Corporation (DAHC) is carrying out Medical Fitness tests at an average of two million customers per year. In addition to the existing agreement models, DAHC intends to meet with the growing demand by extending its services to the Public Private Partnership model. Dubai Academic Health Corporation (DAHC) is the entity responsible to select the type of model for its implementation. All Medical Fitness Centers are able to cater to People of Determination and provide adequate safety and transport facilities such as wheel chairs etc.

A medical fitness screening examination includes a blood test and a Chest X-ray. This step in the residency process plays a crucial role in the prevention of importing and spreading certain specified communicable diseases in UAE and thus reducing infection in the community.

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2. PURPOSE

2.1. To ensure the highest levels of safety and quality within DHA Licensed Medical Fitness Centers.

2.2. To provide a reference and updated guideline for the Public Private Partnership model interested in establishing a Medical Fitness within the Emirate of Dubai.

3. SCOPE

3.1. All Medical Fitness licensed by DHA.

4. APPLICABILITY

4.1. All DHA licensed healthcare professionals and health facilities operating as Medical Fitness Centers.

5. STANDARD ONE: REGISTRATION PROCEDURES

5.1. Health Facilities, investors and delegated representative(s) interested in providing or operating Medical Fitness Services Center shall partner with DAHC though an approved business model to provide the service.

5.2. Registration documents must be sent to inquiries.mf@dha.gov.ae which includes the following:

5.2.1. Letter of intent (LOI)

5.2.2. Company profile:

   a. Name

   b. Experience

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c. Brief of services provided

5.2.3. Medical fitness proposal

5.2.4. Feasibility study

5.3. All registration requests for providing or operating Medical Fitness Center shall be evaluated through DAHC based on different criteria to align with the current demand and customer requirements.

5.4. Once approved, a partnership agreement shall be signed to outline roles and responsibilities and contractual terms.

5.5. All approved Medical Fitness Center shall integrate with DAHC medical fitness system and ensure complying with highest data quality standards.

6. STANDARD TWO: LICENSURE PROCEDURES

6.1. All health facilities providing Medical Fitness services shall adhere to the United Arab Emirates (UAE) Laws and Dubai regulations.

6.2. Health facilities aiming to provide Medical Fitness services shall comply with the DHA licensure and administrative procedures available on the DHA website https://www.dha.gov.ae.

6.3. A licensed MFC shall apply to the Health Regulation Sector (HRS) to obtain permission to provide the required service(s).

6.4. The MFC shall have in place internal policies and procedures, available on the DHA website **(appendix 1)**, including but not limited to:

6.4.1. Code of Conduct.

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6.4.2. Patient/Client Criteria.

6.4.3. Patient/Client out of scope services

6.4.4. Turn-around timeframes for reporting non-critical and critical results.

6.4.5. Patient/Client assessment criteria.

6.4.6. Informed consent.

6.4.7. Staffing plan

6.4.8. Patient health record

6.4.9. Confidentiality and patients' privacy.

6.4.10. Infection control.

6.4.11. Incident reporting.

6.4.12. Medical and hazardous waste management

6.4.13. Laundry and housekeeping services.

6.4.14. Patient belongings.

6.4.15. Violence against Staff/Zero Tolerance.

6.4.16. Emergency action plan

6.4.17. Patient transfer.

6.4.18. Client vaccination

6.5. The MFC shall maintain charter of patients' rights and responsibilities posted at the entrance of the premise in two languages (Arabic and English).

6.6. All MFCs must have a written agreement for patient referral and emergency transfer to a nearby hospital setting.

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6.6.1. The transfer agreement shall detail the transfer plan/protocol of patients and meet Dubai transfer timeframes for emergency patients.

6.7. The MFC shall ensure the following:

6.7.1. A written plan for monitoring equipment for electrical and mechanical safety, with monthly visual inspections for apparent defects.

6.7.2. Have adequate lighting and utilities, including temperature controls, water taps, medical gases, sinks and drains, lighting, electrical outlets and communications, as required.

6.7.3. Have proper signage, clinical stickers/sign boards, facility building lay-outs, emergency exits and assembly points in case of any disaster.

7. **STANDARD THREE:** HEALTH FACILITY REQUIREMENTS

7.1. The MFC shall comply with the DHA facility design requirements as per the MFC Design Manual. MFCs are considered as outpatient polyclinics and have the following types:

7.1.1. Medical Fitness Center only

7.1.2. Medical Fitness and Occupational Health Center

7.1.3. Smart Salem Center

7.2. MFCs providing Occupational Health services shall refer and adhere to DHA's Standards for Occupational Health Services.

7.3. MFCs should have clear signage outside and inside the facility to guide visitors, including Patient's journey, sign/dash boards, name of the center and timing/schedule

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in front of the building

7.4. HRS must be informed and approve changes to existing or new services or staffing levels.

7.5. MFCs shall have the following service areas in adherence to the standard requirements of the center:

   7.5.1. Reception

   7.5.2. Registration Area

   7.5.3. Separate male and female waiting areas

   7.5.4. Nurse Assessment and treatment room

   7.5.5. Consultation and/or Examination rooms

   7.5.6. Laboratory Services.

   7.5.7. Diagnostic imaging

   7.5.8. Supporting services area

7.6. MFCs must provide and comply with the types of tests, categories and required actions as per the Ministerial Cabinet Decision no. (75) of 2022 concerning the Amendment of Ministerial Cabinet Decision no. (7) of 2008 on Medical Examination for Expatriates Living or Working in the UAE.

7.7. MFCs providing vaccination services should have a fully equipped vaccination room with a workstation and assessment area and should be supervised by Medical Practitioner.

7.8. MFCs shall have the following IT requirements to allow sharing of patients' results and

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issuing of the Fitness Certificate **(appendix 2):**

    7.8.1. Installation of SALEM system.

    7.8.2. Integration between SALEM system and Laboratory and X-ray systems. SALEM will share result with the customer through SMS and email based on selected package.

    7.8.3. Integration between SALEM system and GDRFA in order to submit applicants results (Fit or Unfit Certificate) for visa processing.

    7.8.4. Integration between Salem and Salama systems in case of patient admission for infectious disease. Salem system will push patients medical and clinical records to Salama.

8. **STANDARD FOUR:** HEALTHCARE PROFESSIONALS REQUIREMENTS

    8.1. All healthcare professionals in MFCs shall hold an active DHA professional license and work within their scope of practice and granted privileges. Recruitment shall be through HR.

    8.2. The MFC shall have sufficient number of staff assigned to each service as per the health facility licensure requirements set out in the DHA Health Facility Licensing Policy.

        8.2.1. Additional staff must be in place as per specialization, service description, scope and client volume.

    8.3. The MFC shall ensure the presence of the following healthcare professionals as a minimum requirement:

        8.3.1. One full time DHA licensed General Practitioner (GP) or Physician as a

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medical director.

8.3.2. Public relations officer

8.3.3. Full time licensed male and female radiographers. Number per shift depends on center capacity.

8.3.4. One full-time radiologist.

8.3.5. Radiation Protection Officer: for handling all the FNAR and Radiation protection requirements

8.3.6. Full time licensed Laboratory technicians.

8.3.7. Full time licensed Phlebotomists.

8.3.8. Full time Nursing staff.

8.3.9. Domestic services supervisor

8.4. The nursing ratio and responsibilities should ensure that there is a nurse available at all times in the facility.

9. STANDARD FIVE: MEDICAL EQUIPMENT REQUIRMENTS

9.1. All medical equipment should be provided for nurse and physician assessment rooms as listed in **(appendix 3)**.

9.2. All laboratory equipment should be provided for sample collection and tests as listed in **(appendix 4).**

9.3. All X-ray room equipment should be provided as listed in **(appendix 5).**

9.4. X-Ray Room Requirements:

9.4.1. FNAR License must be obtained for all x-ray rooms.

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9.4.2. Electricity power of 80KW must be provided.

9.4.3. Shielding Test: RPO will do the visual check for the site (before installation of x-ray machine).

9.4.4. A Safety Assessment Report must be done by the supplier before installation of x-ray machine.

9.4.5. An Acceptance Test must be performed by a third party after installation of x-ray machine.

9.4.6. Staff Training for handling the modalities is required after installation of x- ray machine.

9.5. Medical Equipment provided by investors should be monitored by them regularly.

9.6. All laboratory equipment shall be calibrated and maintained to align with the DHA Standards for Clinical Laboratory.

9.7. MFCs must be stocked with Atrial Defibrillators [AEDs], emergency kits and emergency medications. For minimum emergency medication requirements refer to appendix 2 in the Emergency Medications Policy available through the below link:

https://www.dha.gov.ae/uploads/112021/3f5565de-9eb7-46c9-9480-17190a531903.pdf

10. STANDARD SIX: INFECTION CONTROL

10.1. Infection prevention control policy and procedures shall be implemented to oversee the MFC/DAHC Central Infection Prevention and Control Program. These include but are not limited to the policies and procedures in (**appendix 6**).

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10.2.   All equipment shall be supplied in adherence to Prevention and Control of Infection (PCI) Standard Requirements of Equipment and Items **(appendix 7)**.

10.3.   Monitoring shall be implemented to control the spread of infection across the MFC.

10.4.   The Infection Control Department shall report to the Medical Director.

10.5.   Written policies and procedures regarding infection control management, prevention and surveillance should be in place and documented as part of the MFC policies and procedures. These are available on the DHA website.

10.6.   The infection control program shall support safe practice and ensures a safe environment for customers, healthcare workers and visitors.

10.7.   Healthcare professionals' immunization protocol must be followed to ensure staff and patient safety. Refer to DHA Policy for health professional screening and immunization.

10.8.   Orientation and ongoing training should be attended annually as well as whenever needed. Infection control competency for all the staff/Campaign/Awareness activities and training for any changes or updates in Infection Control policies and procedures.

10.9.   Hand hygiene protocol to be followed as per in the Infection Control standards (Hand hygiene facilities and others) of the DHA Health Facility Guidelines 2019 (Part D – Infection Control) (CP_5.1.05 Perform Hand Hygiene).

10.10. External service providers and visitors shall be advised of the MFC Infection Control requirements.

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10.11. Surveillance to ensure the maintenance of a clean and safe environment of resources such as air conditioning units and water-cooling towers should be conducted by the Engineering and Biomedical Department.

10.12. The Environmental Health and Safety Department shall maintain Safety Data Sheets (SDS) for all chemicals used for cleaning and disinfection.

10.12.1. These sheets shall detail the safe and proper use and emergency protocol for a chemical.

10.12.2. Safety Data Sheets should be used for training staff for the safe use of each chemical.

10.12.3. All Domestic Area requirements of equipment and items to be maintained. (**appendix 8**).

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APPENDICES

APPENDIX 1: LIST OF INTERNAL POLICIES AND PROCEDURES FOR MFC

Perform Medical Fitness Screening
Perform Occupational Health Screening
Manage Unfit Cases after Medical Fitness Screening
Manage Repatriation of UnFit cases from Dubai
Manage Ethics in the Medical Fitness Centers
Incident Reporting Policy.

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APPENDIX 2: IT REQUIREMENTS FOR MFC

Unit	SN	Description	Qty	Justification
Clinical Area	1	Computer/ with barcode scanner	All Rooms	In Clinical Area
	2	Printer	1	To print -special needs (Treatment Room/Nursing Office/Follow-Up)
	3	Queue Management System		As needed link with EMR System
	4	Power Sockets (double)	All Rooms	In Clinical Area
	5	Data sockets (double)	All Rooms	In Clinical Area
	6	Q-matic Calling System with calling access		As needed
	7	EID Reader	All Rooms	In Clinical Area
	8	Announcement System		Announcing disaster management

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APPENDIX 3: STANDARD REQUIREMENTS FOR MEDICAL FITNESS SCREENING

SN	Description of Items	Consultation Room	Vaccination Room/Treatment Room/Emergency Room	Nursing Store	Staff Pantry
1	Table and Chairs	✔	✔		✔
2	PC Barcode Scanner & EID Reader	✔	✔		
3	Printer	✔	✔		
4	Patient's Chair with no wheels	✔	✔		
5	Patient's chair in front of doctor's table	✔	✔		
6	Telephone	✔	✔	✔	✔
7	Manual Diagnostic Set/Stethoscope	✔	✔		
8	Multipurpose Steel Trolley	✔	✔		
9	Side Table	✔	✔		
10	Large tray for diagnostic set	✔	✔		
11	Glass cupboard	✔	✔		
12	Tissue Holder	✔	✔		✔
13	Soap Dispenser	✔	✔		✔
14	Hook Robe	✔	✔	✔	✔
15	Vital Signs Monitor		✔		
16	Weighing Scale (Stadiometer with BMI)		✔		
18	Medical patient stretcher with side rails & IV pole		✔		
19	Medicated carrier (cool box with thermometer attached)		✔		
20	Sharp Bin Dispenser		✔		
21	Wall Mounted Cupboards	✔	✔	✔	

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SN	Description of Items	Consultation Room	Vaccination Room/Treatment Room/Emergency Room	Nursing Store	Staff Pantry
22	Hygrometer	✔	✔	✔	
23	Electrical Assessment Bed/Couch	✔	✔	✔	
24	Foot Stand	✔	✔	✔	
25	CSSD glass Cupboard			✔	
26	Portable Oxygen Cylinder		✔		✔
27	Flammable Cabinet			✔	
28	Wall Mounted AED		✔		
29	Medicated Fridge with Freezer		✔		
30	Wheelchair		✔		
31	Syringe Dispenser		✔		
32	Emergency Bag		✔		

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Medical Laboratory Equipment		
Description	**Qty.**	**Uses/ Comments**
Normal (Domestic) Refrigerator	1	For Laboratory Office
Centrifuge Small	1	For Parasitology Laboratory.
Microscope	3	For Parasitology & Hematology
Blood Rotator with 9 rollers	1 per room	for blood collection rooms
	2	for processing Hematology laboratory
Safety Storage Cabinet (yellow) single door, capacity 12 gallons, size: H35" x W36" x D24"	1	
Biosafety Cabinet Class II Type B with Exhaust Duct, Gas Burner with foot switch.	2	For Parasitology & Stool Receiving Area
Microscope Slide container (Rack) PVC (for storing slid 76 x 26 mm.	4	For Parasitology Laboratory.
Hot plate	1	For Parasitology Laboratory.
Forceps (Stainless 18/10 steel with flattened ends, Straight).	2	For Parasitology Laboratory.
Forceps (Stainless 18/10 Steel, Sprung Flutes).	As Required	For Parasitology Laboratory.
Corrosive Cabinet (Minimum capacity is 12 gallons. for bigger facility workload 30 gallons are required)	As Required	For Processing Laboratory

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Blood Collection chairs	As Required	For blood collection rooms
Technician Chairs	As Required	For blood collection/ Processing Lab qty as required
Description	**Qty.**	**Uses/ Comments**
Medical Refrigerator (176 liters) with Freezer (39 liters)	2	For processing laboratory and CRA
Medical Refrigerators without Freezer	2	For Storing reagents and samples in processing lab.
Multifuge (Heavy duty Centrifuge 196 head)	2	For processing laboratory
Stop Watch	2	For Urine pregnancy
Comark (wireless Temp Monitoring)	5	For all Refrigerators
Chemistry System with Interface with D/W System	1	For Processing OH Samples
Immuno System with Interface and D/W System	2	For Processing OH Samples
Beckman DXH 520 Hematology System with Interface	2	For Processing OH Samples (One as backup)
Slide dryer	1	For Hematology laboratory
Staining Rod	1	For Hematology laboratory
Diff Counter Manual	1	For Hematology laboratory
Auto vertex Mixer	1	For Hematology laboratory
UPS for Analyzers & equipment's	1	As per the power load of Analyzers
ESR Stand	1	For Hematology laboratory
Micropipettes with stand (5 to 50 μL, 10 to 100 μL, & 100 to 1000 μL)	6	2nos for each volume for Chemistry laboratory

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First Aid Kit	As Required	For Laboratory Safety requirements.
Urine & Vomit spill kit	As Required	For Laboratory Safety requirements.
Biohazard spill kit	As Required	For Laboratory Safety requirements.
Emergency Shower & Eye Wash	As Required	For Laboratory safety requirements.
Flammable Safety Storage Cabinet (yellow) single door	As Required	Capacity minimum 12 gallons, for bigger workload in the facility 30 gallons required
Cold Chain Box (8L & 14L)	4 of each	For sample transportation to internal processing section & referral laboratories.
Shopping Trolley	1	For laboratory consumable & reagent distribution to collection rooms and processing laboratory sections.
Metal Racks (Size: H 210cms x D50cms X W100cms)	As per store size	For Laboratory Store, for storing laboratory items and reagents.
Urine Sample Holder Racks.	As required	For Storing Urine samples after processing.

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APPENDIX 5: X-RAY ROOM EQUIPMENT REQUIREMENTS

X-Ray Room Equipment	
Description	**Uses/ Comments**
Medical Equipment	
Celling Mountain DR (Digital Radiography) X-ray Machine	DR system - Chest dedicated unit
Mobile Lead Apron for X-Ray protection	Mobile vertical shield lead equivalent of 0.5 mm Pb. + For Protection of the lower Body parts. + Mobile stand on 5 swiveling castors with lead rubber shield of 60x60 cm. + height adjustment 90 to 140 CM. + dimensions: 60x90 / 140x50 CM (W/H/D)
Waist lead apron for X-ray protection (Gonad Shields)	Half Apron: 1 A 1 for adult size 37 x 42, pB 0,50mm for purpose of protection
Direct Ion Storage Dosimeter (DIS badges)	Required if investor will employ staff
Direct Ion Storage Reader	Required if investor will employ staff
Non-Medical Equipment	
(X-Ray ON) sign board	Highly recommended in the entrance
Non -Slipper Floor, vinyl floor (nonstatic)	Vinyl in the x-ray room, control room (the scope of the supplier)
Lead glass for control room	The scope of the supplier
Lead lining 2mm for the wall, main door and the inside door of the changing room	The scope of the supplier
Split A/C in X-ray room, Control Room	Temperature required is 23 to 24 C

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Filing cabinet with 2 doors	To keep modality manuals and books
L shape work station	For the technician station, IT PC, Modality PC, Phone and Printer in control rooms
Office high chairs	For each X-ray room
Magnetic white board	(90 x 90 cms)
Consumables cupboards	One in x-ray room
Arm chair without wheels for clients	For clients, one chair in each room
Step stool	For short clients in each x-ray room
Hygrometer	One in each x-ray room and store
Rack for Lead Apron in X-ray Room	Wall mounted rack for Lead Apron for each x-ray room
Long Bench made of wood	In each changing room
Linen bag / Hamper	In each changing room
Marker	In X-ray room
Equipment for Server Room	
PACS Server	To be purchased by the investor
Electrical power	Double network points + 6 double electrical
PACS equipment's	Proxy server
IT Requirements	
Light Dimmer in X-Ray Room and Control Room	Highly recommend in the x-ray room, radiologist room and control room

PC with network points	2 Dual points for electrical for PC, Monitor for each desk + 1dual network point for each desk (total 4 Dual points for electrical + 2 dual Network point).

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Tablet	for filling up the LMP form specification: - Windows 11 - Intel Core processors - Wide screen (11inch) - High resolution - smoother pen experience and more responsive and multiple touch - connectivity technology: WIFI - android 10 - storage +16 GB
Barcode Reader with stand	1 for each PC
Electrical power	2 duals for PC + 1 dual for tablet charging
Telephone line with network points	1 Dual points for network: for each telephone line
Total number of electrical power points	2 duals for PC + 1 dual for tablet charging
Total number of network points	1 Dual points for telephone line + 1 dual points for PC
Double Power Sockets for control area	5 dual power in each control room
Double Network points for control area	3 dual network points in each control room
Radiologist's Room IT Requirements	
PC with network points	4 Dual points for electrical: for PC, Monitor + 2 dual network point
Barco monitor for image viewing	AGFA equipment
Barcode Reader with stand	1 for each PC
Electrical power	4 Dual points for electrical in each doctor workstation
Telephone line with network points	1 Dual points for network: for each telephone line
Total number of electrical power points	12 dual electrical power point total (4 for each Workstation)
Total number of network points	6 Dual points for network

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AGFA System software & hardware	Contract with AGFA / Basel
Proxy server	For saving the X-ray images
Radiologist Workstation	To be provided by AGFA/Basel for image viewing and reporting
PACS Requirements	
Before installation of modality	
Proxy server needs to be connected and activated	
Activation of the site in PACS system	
Activation of the network	
After Installation of modality	
Codes activation	Carried out by PACS team / Emiratech & AGFA
Configuration of the Modality	Will carried out by PACS team & modality engineer
AGFA system installation & training	Required staff training

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LIST OF POLICIES AND PROCDURES FOR INFECTION CONTROL
Perform Hand Hygiene
Manage Standard Precaution
Manage Isolation and Transmission Based
Clean, Disinfect, Sterilize and Patient Care Equipment
Safely Handle and Dispose Sharps and Needles
Manage Usage of Consumables Beyond Expiry Dates
Manage Blood and Body Fluid Spillage
Waste management in healthcare Facilities
Cleaning and Disinfection of the physical environment in healthcare facilities.
Educate Patients, Visitors and Staff about Infection Control
Manage the Usage of Single Use Devices (SUD)
Handle, Store and Transport Clean, Used and Contaminated Linen
Manage Infection Control During Construction and Renovation
Manage Outbreak Investigation
Manage Occupational Exposure to Sharps and Needles, Mucous Membranes and Non-Intact Skin exposures
Use of Personal Protective Equipment (PPE)
Use Particulate respirator N95 or another equivalent respirator

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APPENDIX 7: PCI REQUIREMENTS OF EQUIPMENT AND ITEMS

SN	Description	Quantity	Areas and Uses
PCI Standard Requirements of Equipment and Items

SN	Description	Quantity	Areas and Uses
1	PPE Cabinet	1	Treatment room
2	Mask and gloves dispenser	As required	Assessment rooms, vaccination rooms, dirty linen room, domestic room, medical waste room
3	Aniosgel dispenser and Liquid	All	All clinical area, hall ways, waiting area, sensor machine
4	Sac holders	As required	2 in clinical area for infectious and non-infectious waste
		As required	20 liters 1 in wash rooms for non-infectious waste
		As required	60 liter in waiting areas for non-infectious waste
5	Temperature/Humidity Set (Hygrometer)	1	Medical waste room, store room to monitor temperature with separate ac
6	Linen hamper	2	Dirty utility room /staff changing room and each female changing room in radiology
7	Dirty linen trolley	As required	To transfer dirty linen
8	Clean linen trolley	As required	To transfer clean linen
9	Scrub stat holder	As required	Clinical hand wash area
10	Non-refillable Antimicrobial hand wash solution	All	Clinical areas
11	Anti-bacterial hand wash	All	Non-refillable
12	Wall mounted sharp box	As required	Treatment room and vaccination room
13	Infection Control posters	As required	For ads and awareness

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14	Clean utility room	As required	Closed cupboards to keep clean linen and to keep clean trolley to transfer clean linen
15	Dirty Utility room	As required	Sink with hand wash facility, PPE cabinet or gloves and mask dispenser, rack for CSSD used items, linen hamper and dirty linen trolley

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APPENDIX 8: DOMESTIC AREA STANDARD REQUIREMENTS

Domestic Area Standard Requirements				
SN	**Description**	**Quantity**	**Justification**	**Comments**
1	Domestic Dirty Utility	1	To keep dirty domestic items	Service trolley and all dirty items
2	Domestic Staff Room with Rest Room	1	To rest	Keep personal bags
3	Domestic Store room	1	To store clean domestic items	Racks/hazmat cupboard/hygrometer
4	Medical waste room	1	To keep medical waste	Sink with hand wash facility, PPE cabinet or gloves and mask dispenser with proper ventilation, with proper drainage facility. Wall must be washable.
5	Janitor room	As required	To drain out dirty water	Janitor sink and room with proper ventilation
Domestic Standard Requirements of Equipment and Items				
SN	**Description**	**Quantity**	**Uses/ Comments**	
1	Medical Waste Weighing Scale	1	To monitor the medical waste products	
2	Closed wheeled medical waste trolley	As required	To store and transfer medical wastes	
3	Closed wheeled general waste trolley	As required	To store and transfer general wastes	
4	Mop Hangers	As required	Installed in Janitor Room	
5	Washing Machine	1	To wash & dry mops	

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SN	Description	Quantity	Uses/ Comments
6	Service Trolley	As required	To keep domestic items
7	Micro fibers mops	As required	For cleaning and disinfection
8	Chemicals	As required	For cleaning and disinfection
9	Consumable items	As required	For cleaning and disinfection
10	Labels/Stickers	As required	General and Medical waste labels
11	Sac holders	As required	1) 2 in clinical area for infectious and non-infectious waste 2) 20 liter 1 in wash rooms for non-infectious waste 3) 60 liter in waiting areas for non-infectious waste

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