
**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
AYURVEDA**

**BY
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Introduction

From its gradual evolution through the 18th and 19th centuries, the hospital has come of age only recently during the past 50 years or so, the concept of today's hospital contrasting fundamentally from the old idea of a hospital as no more than a place for the treatment of the sick. With the wide coverage of every aspect of human welfare as part of health care- like physical, mental and social wellbeing, a reach out to the community, training of health workers, biosocial researches, etc- the health care services have undergone a steady metamorphosis.

A hospital is an integral part of a social and medical organization, the function of which is to provide for the population complete health care, both curative and preventive, and whose out-patient services reach out to the family and its home environment; the hospital is also a center for the training of health workers and for biosocial research.

The society's health is influenced by the accessibility, affordability, quality, availability and utilization of health services.

Personal health services –

Personal health services are the services provided by the hospitals, health centers, clinics. The care provided has been traditionally classified into –

1. Promotion of health
2. Prevention of disease
3. Early diagnosis & treatment
4. Rehabilitation

The ayurvedic system is the very ancient life science which deals with the prevention and cure of the disease with pronature approach. Today is the era of life style disorders and Ayurveda have a unique approach towards these ailments. So the scope of the Ayurvedic hospital in today's' scenario is crucial.

The methodology adopted for this draft is based on the CCIM norms, IPHS guidelines and MSR for Ayurvedic hospitals in Gujarat.

CLINIC

Sn	Requirement	
1	Physical infrastructure	Space-100 sq. ft (Minimum)
2	Human resource	One doctor (Minimum) One multipurpose worker (Minimum)
3	Equipment	Stethoscope - 1 B.P. apparatus - 1 Torch - 1 Thermometer - 1 Tongue depressor - 1 Weighing machine - 1 X -Ray view box - 1 Hammer - 1 Others as required
4	Furniture requirement	Doctor's table - 1 Doctor's chair - 1 Chairs for attendants - 2 Examination table - 1 Patient's stool - 1 Foot step - 1
5	Others	Display the name of doctor with the degree. Registration number of the doctor Fee Timing of the clinic Experience of the doctor

DISPENSARY

Sn	Requirement	
1	Physical infrastructure	Space-100 sq. ft (Minimum) Dispensing Counter: as per requirement.
2	Human resource	One doctor (Minimum) One Pharmacist (Minimum) One multipurpose worker (Minimum)
3	Equipment	Stethoscope - 1 B.P. apparatus - 1 Torch - 1 Thermometer - 1 Tongue depressor - 1 Weighing machine - 1 X-Ray view box - 1 Hammer - 1 Kharala -1 Others as required
4	Furniture requirement	Doctor's table - 1 Doctor's chair - 1 Chairs for attendants - 2 Examination table - 1 Patient's stool - 1 Foot step - 1
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee Timing of the clinic Experience of the doctor Dispensing counter with signage Name of the pharmacist with degree and experience

THERAPY CENTER

Sn	Requirement	
1	Physical infrastructure	Space-150 sq. ft (Minimum) Therapy Room
2	Human resource	One doctor (Minimum) One Pharmacist cum Panchakarma Therapist (Minimum) One multipurpose worker (Minimum)
3	Equipment	Stethoscope - 1 B.P. apparatus - 1 Torch - 1 Thermometer - 1 Tongue depressor - 1 Weighing machine - 1 X -Ray view box - 1 Hammer - 1 Kharala -1 Others as required
4	Furniture requirement	Doctor's table - 1 Doctor's chair - 1 Chairs for attendants - 2 Examination table - 1 Patient's stool - 1 Foot step - 1 Panchakarma droni and others as per requirement
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee Timing of the clinic Experience of the doctor Display of the therapy performed in the center Fee structure for various procedures on daily as well as package system.

HOSPITAL WITH MINIMUM OF 10 BEDS

Sn	Requirement	
1	Physical infrastructure	Space- OPD: 100 sq. ft IPD: 500 sq. ft.
2	Human resource	Doctor - 1 Pharmacist/nurse - 1 Attendant - 1 Multipurpose worker - 1
3	Equipment for OPD:	Stethoscope - 1 B.P. apparatus - 1 Torch - 1 Thermometer - 1 Tongue depressor - 1 Weighing machine - 1 X-Ray view box - 1 Hammer - 1 Others as required
	Equipment for IPD:	Stethoscope - 1 B.P. apparatus - 1 Torch - 1 Thermometer - 1 Tongue depressor - 1 Weighing machine - 1 Enema pot- 1 Tray - 1 Others as required
4	Furniture requirement	Iron beds - 10 Beside lockers - 10 Stretcher - 1
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee (both OPD & IPD - daily IPD charges) Timing of the clinic Experience of the doctor Facilities provided Signage in IPD Separate toilets and bathrooms for male & females.

HOSPITAL with 11 - 25 BEDS

Sn	Requirement	
1	Physical infrastructure	Space- OPD:250 sq. ft IPD: 1250 sq. ft.
2	Human resource	Doctor - 2 Pharmacist - 1 Nurses- 2 Attendant - 1 Multipurpose worker - 1
3	Equipment for OPD:	Stethoscope - 2 B.P. apparatus - 2 Torch - 2 Thermometer - 4 Tongue depressor - 5 Weighing machine - 2
	Equipment for IPD:	Stethoscope - 3 B.P. apparatus - 3 Torch - 5 Thermometer - 8 Tongue depressor - 4 Weighing machine - 1 Enema pot- 4 Tray - 2 Others as required
4	Furniture requirement	Iron beds - as per number of beds Beside lockers - as per number of beds Stretcher - 1
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee (both OPD & IPD - daily IPD charges) Timing of the clinic Experience of the doctor Facilities provided Signage in IPD Separate toilets and bathrooms for male & females.

HOSPITAL with 26 - 50 BEDS

Sn	Requirement	
1	Physical infrastructure	Space- OPD:500 sq. ft IPD: 2500 sq. ft.
2	Human resource	Doctor: 3-4 Pharmacist: 1-2 Nurse: 3 Attendant: 2-3 Multipurpose worker: 2
3	Equipment for OPD:	Stethoscope - One per OPD B.P. apparatus - One per OPD Torch - One per OPD Thermometer - One per OPD Tongue depressor - One per OPD Weighing machine - One per OPD
	Equipment for IPD:	Stethoscope - 3 B.P. apparatus - 3 Torch - 5 Thermometer - 8 Tongue depressor - 4 Weighing machine - 1 Enema pot - 4 Tray - 2 Equipments used for the panchakarma therapy (as per requirement based on the requirements of 100 bedded hospitals) - optional
4	Furniture requirement	Iron beds - as per number of beds Beside lockers - as per number of beds Stretcher - 1
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee (both OPD & IPD - daily IPD charges) Timing of the clinic Experience of the doctor Facilities provided Signage in IPD Separate toilets and bathrooms for male & females.

HOSPITAL with 51 - 100 BEDS

Sn	Requirement	
1	Physical infrastructure	Space- OPD:1000 sq. ft IPD: 5000 sq. ft.
2	Human resource	Doctor - 4 - 5 Pharmacist - 4 Nurses - 5 Attendant - 5 Multipurpose worker - 3 Technical staff - optional (as per need of the hospital)
3	Equipment for OPD:	Stethoscope - One per OPD B.P. apparatus - One per OPD Torch - One per OPD Thermometer - One per OPD Tongue depressor - One per OPD Weighing machine - One per OPD
	Equipment for IPD:	Stethoscope - 3 B.P. apparatus - 3 Torch - 5 Thermometer - 8 Tongue depressor - 4 Weighing machine - 1 Enema pot - 4 Tray - 2 Equipments used for the panchakarma therapy (as per requirement based on the requirements of 100 bedded hospital)
4	Furniture requirement	Iron beds - as per number of beds Beside lockers - as per number of beds Stretcher - 1 Furniture for panchkarma - as per need (based on the requirement of 100 bedded hospitals)
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee (both OPD & IPD - daily IPD charges) Timing of the clinic Experience of the doctor Facilities provided Signage in IPD Separate toilets and bathrooms for male & females.

HOSPITALS HAVING MORE THAN 100 BEDS

Sn	Requirement	
1	Physical infrastructure	Space- OPD:2500 sq. ft IPD: 7500 sq. ft.
2	Human resource	Doctor - 5 - 10 Pharmacist - 5 Nurses - 5 Attendant - 5 Panchkarma technician - as per requirement Multipurpose worker - 4
3	Equipment for OPD:	Stethoscope - One per OPD B.P. apparatus - One per OPD Torch - One per OPD Thermometer - One per OPD Tongue depressor - One per OPD Weighing machine - One per OPD
	Equipment for IPD:	Stethoscope - 3 B.P. apparatus - 3 Torch - 5 Thermometer - 8 Tongue depressor - 4 Weighing machine - 1 Enema pot - 4 Tray - 2 Other equipment (List attached in annexure)
4	Furniture requirement	Iron beds - as per number of beds Beside lockers - as per number of beds Stretcher - 1 Others - list attached in annexure
5	Others -	Display the name of doctor with the degree. Registration number of the doctor Fee (both OPD & IPD - daily IPD charges) Timing of the clinic Experience of the doctor Facilities provided Signage in IPD Separate toilets and bathrooms for male & females.

TEACHING HOSPITALS

All the teaching Hospitals must fulfill all the minimum standards as per the gazette notification of Central Council of Indian Medicine (CCIM) regd. no. D.L. 33004/99 no. 115 dated 22.04.2013 New Delhi.

General specifications for OPD –

The basic infrastructure for an outpatient department for an Ayurvedic Hospital must have following sections –

1. Reception and waiting hall
2. Registration counter
3. OPD medical record room
4. Clinic / consultation room
5. Dressing room (mandatory for hospitals having more than 50 beds)
6. Procedure room (mandatory for hospitals having more than 50 beds)
7. Minor OT (optional but mandatory for hospitals having more than 100 beds)
8. Dispensary (mandatory for hospitals having more than 50 beds)

Other facilities which are required in the OPD are listed below –

1. Proper provision for drinking water and electricity
2. Toilet facilities for patients
3. OPD cafeteria (Optional)

1. Reception & waiting area –

The space requirement for the reception & waiting area depends upon the hospital size. It is small for clinic with proper sitting arrangement of patients and attendants. It must be 50 sq. ft. for every 10 beds.

For hospitals having more than 50 beds it must be situated at prominent place of entrance, good communicable. There must be a guide map for various OPD units along with the service unit display.

Waiting area-

Situated at main entrance at reception.

Subsidiary waiting area for the patients at each clinic, diagnostic & therapy rooms for hospitals having more than 5 OPDs.

Waiting area should have tiled floor with comfortable benches and chairs.

Waiting area can be used for health education.

Adequate toilet facilities as per the load of the patients. One urinal per 50 persons.

Public telephone.

Provision for wheelchairs & trollies.

It must have good drinking water facility & must be well illuminated.

2, 3.Registration counter & record room -

For clinic it must be a small but for the large hospital it may have following requirement

-

It is situated at one end of waiting area.

There must be clear distinction between registration counter & medical record room.

The medical record room requires minimum 100 sq. ft. space for medical records for the OPD for hospitals with more than 50 beds where records of both OPD & IPD can be maintained.

4. Consultation & Examination rooms -

Doctor chamber should have at least 10x10 sq ft chamber size with one chair, table for the doctor along with two chairs for the attendant of the patient and one stool for the patient. There should be an examination table of 6x3 ft. dimension. The teaching hospital can develop the consultation rooms in three small block: one for the PG scholar, one examination block and one consultation chamber.

5. Dressing room - A minimum of 100 sq. ft. space is required for dressings in the hospital having more than 50 beds, however it is optional for the hospitals below 50 beds and clinic.

6. Procedure Room - This is required in the hospitals having more than 100 bed strength where agnikarma, kshara karma like procedures can be performed for the OPD patients. However this requirement is applicable for those hospitals that entertain such OPD patients in good numbers. The area depends upon the numbers of procedures.

7. Minor OT - A minor OT is needed for the hospitals with more than 50 beds and 400 – 500 outpatients where many minor OPD surgical procedures as well as Kshara sutra

applications can be performed. The minimum area required for the minor OT is 100 sq.ft.

8. Others – The hospitals having more than 100 beds and having the outpatient number more than 500 can also develop specialty clinics such as Diabetic clinic, Skin clinic, Rasayana & Vajikarana clinic along with special therapy rooms for raktamokshana as per the space availability in the OPD blocks.

9. Proper signage – There must be proper signage in OPD which provides the following information to the visitors –

- OPD timings
- Various OPD clinics with the room numbers and services provided
- Directions of various OPD units
- Complaints and grievances
- Fee
- Toilets
- Cafeteria
- Facilities provided by hospital
- No smoking zone

General specifications for IPD –

Classification of ward accommodation –

Primary –

- Bed accommodation
- Nursing station
- Treatment room

Secondary –

- Doctor's room
- Nurses' room
- Clean utility

Sanitary –

- Toilet block

- Dirty utility
- House keeper

Ancillary –

- Kitchen (required for hospitals having more than 50 beds)
- Day room
- Stretcher trolley

Area per bed must be 50 sq. ft. per bed with the minimum distance between two beds is 3.5 ft. and the minimum distance between two rows of bed must be 5 ft. one nursing station in between two wards with minimum of 100 sq. ft dimensions with one nurse for every 10 beds.

As a general guideline, in the case of Ayurveda specialty hospitals the facilities available should be commensurate and appropriate with the nature of services provided.

The services provided at the hospital shall be consistent with the principles of classical Ayurveda. In particular, diet lifestyle and basic treatment of diseases. Options offered to the patients shall be consistent with that expected from an Ayurvedic medical care facility. Circulation area at least 200 sq. ft. per 25 beds. The doctors' duty room must have minimum of 100 sq. ft dimension.

Operation Theatre – mandatory for the hospitals having more than 100 beds, however it is optional for the hospitals with less than 100 beds.

Area – 2700 sq. ft.

Functional distribution –

1. Major OT with attached toilet & bathroom
2. Minor OT
3. Scrub room
4. Sterilization store
5. Equipment store
6. Recovery room

Labour room – 300 sq. ft for 100 bedded hospital with duty room. It is optional for hospitals with below 100 bed strength.

Neonatal care room – 150 sq. ft for 100 bedded hospital (Optional).

Panchakarma unit -

Area – 2000 sq. ft for hospitals having 100 beds and more. However the hospitals

having 51 – 100 beds the space requirement is appx. 1000 Sq. ft. and hospitals having less than 50 beds space requirement is appx. 500 Sq. ft. The hospitals having 25 beds or 10 beds can have the space as per the requirement however it is optional for hospitals up to 25 beds.

Specifications is listed below (Hospitals more than 100 beds) –

1. Snehana room male
2. Snehana room female
3. Swedana room male
4. Swedana room female
5. Shirodhara room male
6. Shirodhara room female
7. Vamana room male
8. Vamana room female
9. Virechana room male
10. Virechana room female
11. Basti room male
12. Basti room female
13. Panchakarma therapist room
14. Store room

Auxiliary Functions –

Central laboratory –

Central lab must be located at a place that is easily accessible for all and ideally in between OPD & IPD.

It may have the facility of clinical pathology, microbiology, biochemistry and histopathology.

There must be separate sections for collection, media preparations, sterilization & storage.

There must be provision of waiting area, toilet facilities and result distribution counter.

The area required for the central lab must be 1200 sq. ft. for the hospitals having more than 100 beds while for the hospitals having more than 50 beds, the minimum area is 150 sq.ft. For hospitals below 50 beds it is optional. They can tie up with laboratories.

Radiology -

The minimum area required for the X-ray unit is 150 sq.mt. for hospitals having more than 100 beds. It is optional for the hospitals below 100 beds.

The space can be functionally divided into radiographer room, X-ray room, dark room, drying room, waiting area and report distribution area. An X-ray record room is required in the teaching & training hospitals.

Support services

The hospitals having good outdoor and indoor setup for the management of various ailments of the society cannot perform to the expectation of the society if its supportive services & supply are not up to the mark. So it is a necessity for a good hospital or the small clinic setup that they must have excellent support services. The support services comprise following details -

- Dietary services
- Water supply
- Electricity
- Toilet facilities
- Laundry service
- Housekeeping & sanitation
- Medicine preparation area
- Ambulance services
- Circulation
- Medical records
- Waste management

Dietary services or kitchen -

Kitchen is necessary for the hospitals having more than 50 beds as it is mandatory to provide food the patients admitted in the hospital. Ideally, kitchen should be situated on the ground floor but if it is situated on the first floor, then the ground floor beneath should be used as kitchen.

The area of the kitchen should be 250 sq. ft. for 50 bedded hospitals and 500 sq. ft for the hospitals having 100 or more than 100 beds.

Water supply –

Water supply is essential component of the any hospital. Water closet in IPD is minimum one per 12 beds.

Electricity –

Electricity should be at least 3 hours backup or generator for critical areas. Hospitals having more than 100 beds must have their power substation. The minimum area for power substation is 80 sq. mt.

Toilet facilities – Separate toilets and bathrooms for both male & female patients as per the bed strength of the hospital.

Laundry services - The term linen and laundry services includes the laundering of linen, storage of clean linen and repair and replacement of all linen. The service therefore, has two components –

1. The laundry component responsible for efficient laundry operations.
2. The linen management component comprising procurement, classification, holding, distribution, repair and replacement of linen.

The linen used in the hospital can be classified into general purpose linen, patient body linen, bed linen and OT, labour and procedure room linen.

Linen requirement- bed sheet: 3 per bed, pillow cover: 3 per bed, blanket: 1 per bed with 20% extra.

Housekeeping & sanitation – maintenance of wards, cleaning of ward areas are functions of housekeeping staff of hospital. In places where sewage disposal system is available, the hospital sewage is directly disposed of into such as central system.

Medicine preparation area - A room with minimum 100 sq. ft is required (optional for the hospitals below 50 beds & necessary for the hospitals more than 50 beds).

Ambulance service – The hospital with more than 100 beds must have one ambulance.

Circulation route –

The circulation route is of two types: internal & external circulation. The internal circulation comprises stairs, ramps, steps and corridors. Corridors must be more than 8 ft. in width in any hospital with IPD.

Parking -

One parking per 5 beds is desirable for the hospital. The area of the parking depends upon the load of the outpatient & inpatient number. There must be separate parking area for the employees and staff.

Security -

Security of the hospital premises is essential. There must be security personnel deputed in the hospital. The hospital can hire a security service agency which is responsible for the security of the hospital infrastructure as well as the patient's assets. The monitoring of the visiting hours of the hospital and the public influx is also the responsibility of the security agency. The total number of security deployed in the hospital depends upon the size of the hospital.

Waste management -

Incidences of inappropriate hospital waste disposal and the fear of HIV & other infections have drawn medical attention to hospital waste management practices. Any good waste disposal system should be planned for –

1. Good appearance
2. Safety
3. Pest control
4. Odour control
5. Public health safety

In general classifications of the waste from the final disposal point of view are –

- Type 0 waste (Trash) – such as paper, cardboard cartons, wooden boxes etc.
- Type 1 waste (Rubbish) – such as wood scrap, paper and floor sweeping.
- Type 3 waste (Refuse)
- Type 4 waste (garbage)
- Type 5 waste (pathological)

Biomedical waste -

Biomedical waste must be segregated, disposed and transported through color coded plastic containers and sent to the nearest biomedical waste treatment facility.

Legal & statutory requirements -

List of statutory compliance -

- Authorization under Biomedical Waste Rules 2016 for management and handling of biomedical waste.
- No objection certificate from competent fire authority.
- Vehicle registration certificate for ambulance.
- Right to Information Act.
- Consumer Protection Act
- Clinical Establishments Act 2010.

Legal aspects -

- Societies Registration Act 1860
- Consumer Protection Act
- Drug & Cosmetic Act
- Patients' Bill of Right
- Medical negligence
- Drug handling
- Hospital infection
- Anesthesia – given with proper & valid consent.
- Invasion of privacy
- Handling of medical records

Records maintenance & reporting -

Medical records -

The medical record of the hospital has the following documents -

1. A clinical document
2. A scientific document
3. A administrative document
4. A legal document

The characteristics of good medical must be complete, adequate and accurate. Medical record must be properly organized & all the documents are placed safely. Each record should be identified by indexing the record as alphabetical, numerical, serial unit and terminal digit. The record must be placed in the file which is placed in a cabinet. There

must be segregation of the cabinet for the medico legal record, admission record, birth & death records etc.

Retention of records is necessary for the need of the patient up to 7 years, for medico legal record up to 10 years or till the disposal of ongoing cases in any of the courts related to these records.

Computerization of the medical record – very useful for the following:

- a. Location monitoring
- b. Automatic assignment
- c. Improved procedures for generating the admission, discharge, birth, death and other records.

Reports – (mandatory for the hospitals having more than 100 beds & teaching hospitals)

- Average daily census ward wise, specialty wise
- Average length of stay
- Bed occupancy rate
- Bed turnover rate
- Outpatient clinics – number of new cases, number of repeat cases, specialty wise break up, Unit wise break up of cases
- Left against medical advice (LAMA) rate
- Number of X-Ray done – OPD, IPD
- Number of laboratory investigations
- Number of surgical operations
- Number of panchakarma done – break up of various procedures for OPD & IPD
- Number of deliveries done along with other gynecological procedures.
- Numbers of para surgical procedures done in the breakup of agnikarma, jalaukavcharana etc.

Hospital Infection control measures –

1. Aseptic techniques
2. Segregation of contaminated instruments
3. Disinfection practices
4. Sterilization practices

5. Isolation facilities
6. Precautions for staff
7. Hygienic dietary practices
8. Aseptic & standard panchakarma procedures.
9. Aseptic leech therapy

Material management –

Operative goals of material management are –

1. Optimum material acquisition
2. Optimum inventory turnover
3. Good vendor relationship
4. Material cost control
5. Effective issue & distribution
6. Elimination of losses & pilferage.

The material management functions cater to planning for material, its demand, estimation, procurement, stocking and issue to ensure the availability of right material, right quantity, at right time, at right price, from right source and in least cost.

The purchasing procedure involves value analysis, rate contracts. Purchase order with supplier's name, quotation, description of material, price with total value. The store must ensure the received item verified as per order with the proper receipts. The central store of the hospital should have good atmospheric condition & good lighting. It must be well organized making effective use of the space with adjustable, fixed location racking system. There must be allocation of space of various varieties of items stored.

Store record should be maintained in the stock register with issue register and disposal register.

Engineering services – Area of the engineering services are -

- Electricity supply to the hospital.
- Water supply
- Repair
- Maintenance
- Expansion

Others -

Ayurvedic specialty hospital, hospital attached with medical education or apex hospitals of Ayurveda can extend their services to the population by developing specialty clinics like Diabetic, cardiovascular, dermatology, respiratory, geriatric, neuromuscular etc. They can also develop separate panchakarma unit for balroga. In indoor, they can develop deluxe and private ward as per the influx of patients.

Human Resource

Essential OPD Staff for 100 bedded hospital -

1. Physicians: All teachers of clinical and other subjects.
2. Casualty Medical Officer: 3 (where Atyayik department exists)
3. Vaidyas: OPD-in-charge:2
4. Kalpak/Pharmacist: 4 (upto 100 patients daily), one for every additional 50 patients.
5. Nurse: 2
6. Dresser: 2
7. OPDAttendant: 3(in addition to Departmental attendants)
8. Clerk (Registration&Record):2
9. Sweeper: 2 or on contract basis

IPD staff for 100 bedded hospitals -

The minimum staff required in a 100-bed non-teaching hospital, liable to be increased proportionately in accordance with bed strength, shall be as given below.

1. Medical Superintendent
2. Dy. Medical Superintendent
3. Consultant Physicians- depending on scope of services offered by the hospital
4. Resident Medical Officer
5. Nursing staff, Panchakarma technicians as per General Structural standards.
6. Consultant Dietician (Ayurvedic)
7. Canteen staff- Cook and minimum 1 helper for every 50 patients & bystanders served

8. All other staff- commensurate in number and availability, for scope of services offered by hospital, and to fulfill the quality of service standards stated in the quality management system of the hospital.

Details specifications of staff for 100 bedded hospital is as given below -

Sn	Post	Requirement
1.	Medical Superintendent	Principal or Dean as ex-officio.
2.	Deputy Medical Superintendent	Full time regular incumbent with postgraduate qualification in a clinical specialty.
3.	Consultants	Teachers of clinical departments including Swasthavritta and Yoga Department.
4.	Casualty Medical Officers	4 (2 Ayurveda and 2 Allopathic on contract)
5.	House Officers or Clinical Registrars/Senior Residents (Ayurveda)	2 for Kayachikitsa department and 1 each for all other clinical departments.
6.	Resident Medical Officers/Surgical Officers (RMO/RSO)	1 RMO and 1 RSO for 100-bedded hospital and both 1 extra each for every 50 additional beds.
7.	Matron / Nursing Superintendent	1
8.	Assistant Matron	1 for 100 beds and 1 extra each for every 50 additional beds.
9.	Staff Nurses for IPD	1 for every 10 beds.
10.	Nurses for OPD	2 for OPD attendance up to 150 patients and 1 extra each for additional 100
11.	Mid Wife/Ward Boy/Ayah	1 for every 10 beds - (10).
12.	Pharmacists	4 (2 for OPD and 2 for IPD of 100 beds) and 6 above 100 beds (for OPD and IPD both).
13.	Dresser	2
14.	OPD attendants	3 plus teaching departmental attendants will also work in the hospital.
15.	Store Keeper	1
16.	Office Staff (for registration, record maintenance, data entry)	3
17.	Dark-Room Attendant	1
18.	Operation Theater Attendant	2
19.	Labour Room Attendant	2
20.	Telephone Operator cum Receptionist	4 (8 hrs. duty)

Modern Medical Staff (on contract)

1	Medical Specialist	1
2	Surgical Specialist	1
3	Obstetrician & Gynecologist	1
4	Dentist	1
5	Refractionist	1
6	Audiometrist	1
7	Radiologist	1 (Postgraduate in Allopathic Radiology or Vikiran Vigyan of Ayurveda discipline) from teaching department of Shalya.
8	X-Ray Technician/Radiographer	1
9	Medical Specialist	1
10	Surgical Specialist	1

Panchakarma Specialists

Panchakarma Specialists	Teachers of Panchakarma teaching department.
House Officer / Clinical Registrar/ Senior Resident (Ayurveda)	1
Panchakarma Technician	4 (2 Male + 2 Female)
Panchakarma Assistant	2 male and 2 female
Yoga teacher/expert	1 (from Swasthavritta & Yoga Department)
Sweepers	2

Staff of Operation Theatre and Ksharasutra Therapy

Shalya and Ksharasutra Therapy Specialists	Teachers of Shalya department
House Officer/ Clinical Registrar/Senior Resident (Ayurveda)	1
Operation Theatre Attendant	2
Dresser	1
Nurses	2; these will be in addition to the nurses indicated at sl.no. 9.
Sweeper	1
Shalya and Ksharasutra Therapy Specialists	Teachers of Shalya department

Labour room

Prasooti evum Stri Roga Specialists	Teachers of Prasooti evum Stri roga department
Lady House Officer or Clinical Registrar/Senior Resident (Ayurveda)	1
Nurses	2; these will be in addition to the nurses indicated at sl.no. 9.
Midwife	2
Attendant	1
Sweeper	1

Pathologist/Microbiologist for Hospital & College	1
Bio-chemist for Hospital & teaching work	1
Laboratory Technicians	2
Laboratory Assistants	2
Clerk/Typist/Computer Data Entry Operator	1
Sweeper	1
Peon/Attendant	1
Machine Man	1
Workers	2

Analytical Chemist	1 (For teaching as well as Q.C.)
Pharmacognosist	1 (For teaching as well as Q.C.)

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ANNEXURE I

Instruments for the IPD of 100 bedded hospital

Sn.	Name of Article	No.
1.	Iron beds simple	64
2	Iron beds(Surgical)	20
3	Iron beds(children) with sides closed	6
4	Iron bed with cradle	10
5	Fowler's bed	10
6	Bedside lockers	100
7	Bed head tickets holders	100
8	Temperature chart holders	100
9	Spittoon with stands	50
10	Office table	6
11	Office chair	20
12	Racks	8
13	Linen Box	As per requirement
14	Dirty linen boxes	As per requirement
15	Stretcher	6
16	Trolley	6
17	IV stands	10
18	Screens(folded)	10
19	IV Sets with boxes	As per requirement
20	Blood Transfusion sets	As per requirement
21	Rectangular Trays with cover lid	10
22	Enamel Bowels	10
23	BP Instrument	10
24	Bed Pan EI	20
25	Urine Pots, Male & Female	40(20+20)
26	Ice Bags	5
27	Hot Water Bags	10
28	Air Cushion	5
29	Ryles Tube	10
30	Stomach Tube	5
31	Bucket EI	20
32	Tongue Depressor	10
33	Suction Machine	6
34	Suction tube	10
35	Artery Forceps, Small and Big	20

36	Back rest	10
37	Oxygen Cylinder with stand	10
38	Thermometers	10
39	Syringes (2cc 4cc)	10
40	Dressing Drums (Big)	10
41	Stools, either wooden or steel	100
42	Tracheotomy Set	5
43	Enema Pot with Nozzle and Tube	20
44	AutoScope	4
45	FundoScope	2
46	RetinoScope	2
47	LaryngoScope	2
48	Endotracheal Tubes different sizes	6
49	Feeding cup	10
50	Enema Syringes	20
51	Infra-red lamp	2
52	Torches	10
53	Scissors	10
54	Sputum Mugs	10
55	Measuring Glasses	10
56	Steel Almirah	6
57	Chair Trolley with Wheels	2
58	Refrigerator	1
59	Trolley different sizes	10
60	Wastage Trolley	3
61	Thermos Type of Kettle for Tea/Milk (50 Cup size)	02
62	Thermos Type of Kettle for Kwath (different sizes)	02
63	Examination table	8
64	ECG Machine	3
65	Nebulizer	3
66	Wheel Chair	4
67	Hot plate	2
68	Glucometer	4
69	Weighing machine	4

ANNEXURE II

PATHOLOGY LABORATORY (CENTRAL)		
S.No.	Name	No.
1.	Beakers Different sizes	10
2.	Micro Pipettes Different sizes	10
3.	Spirit Lamps	4
4.	Capillary Tubes	1 Box
5.	Test Tubes(Medium)	100
6.	Test Tube (small)	150
7.	Blood Grouping Tiles	2
8.	Centrifuge Machine	1
9.	Incubator	1
10.	Oven	1
11.	Microscope (Binocular)	2
12.	Refrigerator	1
13.	F.S.R.Westergren's Racks	2
14.	F.S.R.Wintrobe's Racks	4
15.	Metal Racks (small tube)	4
16.	Small Tube Racks Plastic	4
17.	Hemoglobin Meter	4
18.	Neubar's Chamber	4
19.	Micro tone No.1	1
20.	Micro tone 0.4	1
21.	Stop Watch	2
22.	Tourniquet Belts	6
23.	Centrifuge Tubes(Plastic)	24
24.	Water Bath	1
25.	Auto Analyzer	1
26.	Rotary Machine Timer Remi Equipments	1
27.	Computer	1
28.	ELISA Test Machine	1
29.	F.S.R. Machine (auto) Micro Sed	1
30.	Fridge	1

ANNEXURE III

X RAY DEPARTMENT	
1.X-Ray 300 Ma	1
2.Cassettes	6
3.X-Ray films (Different Sizes)	As Per Requirements
4.Film Dryer	1
5.View Box	2
6.Hanger	18
7.Dark Room	
8.Fixures/ Developer Etc.	
9.Lead Apron	2
10.Cylindride Core	2

ANNEXURE IV

PANCHKARMA

Poorva Karma

I. Snehana Karma

Essential Items

1. Separate Unit is proposed for male & female

2. Complete bedding/cot one for male, one for female Rooms (One)

Equipments/Instruments		
1.	Measuring glasses	
	i) 200ml.	2
	ii) 100 ml.	2
	iii) 50 ml.	2
2.	Simple steel glasses	6
3.	Gas/Stove/heater with fittings	1
4.	Lighter/Matchbox	1
5.	Abhyanga (Massage) Table/Droni	2
6.	Steel bowls	
	i) 50 ml.	6
	ii) 100 ml.	6
7.	Towels, Dusters	12
8.	Plastic aprons	4
9.	For Shirodhara	
	(i) Shirodharayantra	2
	(ii) Stand	2
	(iii) Dharapatra	2
10.	For Shirobasti	
	i) Plastic Caps/Leather caps	
	ii) Large	2
	ii) Medium	2
	iv) Small	2
11.	Holder (Chimata/Pakkad)	2
12.	Big spoons, Tea spoons	4
13.	Steel Pots (Patila)	
	i) 2 litre	2
	ii) 1 litre	2

Materials

1. Til Oil
2. Dashmoola Oil
3. Different Medicated Oils
4. Masjapishta (Blackgram Flour)
5. Bandage
6. Cotton
7. Gauge Piece

Pradhana Karma

I. VAMANA KARMA

Essential It			
1.	Rooms/Chamber(2) Preferably with attached toilets		
2.	Instruments/Equipments		
1.	Measuring glasses		
	i)	1 litre	2
	ii)	200 ml.	2
	iii)	100 ml.	2
	iv)	50 ml.	2
2.	Buckets/Plastic tubs/Basin(with provision of measuring scale)		2
3.	Towels/Napkins		6
4.	Plastic Aprons		6
5.	Kharala/Mostar		2
6.	Gas/Stove		1
7.	Big steel patela 5 litre		2
8.	Steel jug/Plastic jug		2
9.	Steel glasses		4
10.	Bowls-100 ml.		4
11.	Table spoons		4
12.	Vamanpeetha (Adjustable chair)		2
13.	Cots with complete beddings		2
14.	Dhumapana Yantra		2
15.	Spittoons		2
16.	Rubber Catheters		4

Materials

- i) Vamaka dravya
- ii) Vamanapaga dravya
- iii) Emergency drugs

VIRECHANA KARMA

BASTI

Essential items

- 1 Rooms (2) fitted with toilet and bathroom (common)
2. Equipments/Instruments
 - i) Basti Yantra (4) Enemapot
 - ii) Niruhabasti Yantra (4)
 - iii) Anuvasanabasti Yantra 4
 - iv) Uttarabasti Yantras (Douche cane fitted with rubber tube and nozzle of various sizes)
 - v) Urinary catheters (Rubber and metallic) Different Nos.

For Females

- | | |
|--|------------|
| i) Sim's speculum | 2 |
| ii) Cusco's Speculum | 2 |
| iii) Anterior Vaginal wall retractor | 2 |
| iv) Vulsellum | 2 |
| 3. Uterine sound | 4 |
| 4. Bladder sound (Urethral dilators) of different sizes | 4 |
| 5. Kharal | 2 |
| 6. Basti Netra (Metalic) | 4 |
| 7. Bowls | 4 |
| 8. Rubber Sheets | 6 |
| 9. Focus lamp/Torch | 2 |
| 10. Gynaecological Table with attachment for Lithotomic position | 2 |
| 11. Easy chairs | 2 |
| 12. Cotton | |
| 13. Gauze pieces | |
| 14. Sponge holding Forceps | 2 |
| 15. Cots with complete beddings | 2 (Common) |
| 16. Revolving stools | 2 |
| 17. Bedpans | 4 |
| 18. Towels/Napkins-one towel/bed for female & central hole | |
| 19. Measuring glass 1 litre | 4 |
| 20. Teaspoon, Tablespoon | 6 |
| 21. Plastic aprons | 6 |

22. Buckets	2
23. Glycerine Syringe	4
24. Glass/Plastic syringes	
i) 100 ml.	4
ii) 50 ml.	4
iii) 20 ml.	4

Material

- i) Bastidravya for various types of basti, Gudavarti
- ii) Medicines for management of Vyapada

NASYA

Essential Items

1. Rooms 2(Common)

2. Equipments/Instruments

i.	Nasyapeetha (Chairs)	3
ii.	Adjustable Tables	2
iii.	Droper/Droper bottles	12
iv.	Cotton	
v.	Gauze	
vi.	Pradhamana Nasya Yantra	2
vii.	.Dhuma Yantra	2
viii.	Kharal	2
ix.	Steel glasses	4
x.	Bowls	
	100 ml.	4
	50 ml.	4
xi.	Steamer (Facial Steam)	

3. Material

- i. Different types of Nasyadravya, Medicines for complications, Gandusha Dravyas and Dhumpana dravyas

ANNEXURE V

Records To Be Maintained By Clinical Establishments

The various medical records to be maintained by clinical establishment:

1. Outpatient Register
2. Inpatient Register
3. Operation Theater register
4. Labor room register
5. MTP registers (if registered under the MTP Act)
6. Case sheets
7. Medico legal register
8. Laboratory Register
9. Radiology and imaging register
10. Discharge summary
11. Medical certificate in duplicate
12. Complaint register
13. Birth register (Notified to such medical officer as authorized)
14. Death register by Government in such format as prescribed by Government/ State level authority)
15. Information in terms of government programmes / areas of work (eg maternal health, child health, immunization, family planning, Vector borne disease, NLEP, RNTCP, IDSP. NRHM initiatives-ASHA, JSY)
16. Number of beds system-wise and specialty-wise in Clinical Establishments providing in- patient care (e.g General Med/Surg. Beds; Special Care Beds)
17. Total Discharges

ANNEXURE VI

Signages

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PCPNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD, emergency and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas
15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Notice board in Operation theatre
18. Routes for all areas
19. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
20. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

ANNEXURE VII

Furniture/Fixture Requirements for In-Patient Department (IPD)							
Sr. No.	Name of the Equipment	Min. 10 bedded Hospital	Up to 25 bedded Hospital	26 - 50 bedded hospital	51 - 100 bedded hospitall	>100 bedded hospital	Teaching hospitals
	Adequate wall or steel Cupboards	Optional	1	2	4	8	15
2.	Arm Board Adult	Optional	Optional	6	12	24	24
3.	Back rest			2	4	8	20
4.	Bain Marie trolley stainless steel 1 per floor	1 per floor					
5.	Bed side cabinets	1 per 5 patients					
6.	Bed side Screen	1 per ward or full length curtains between the beds					
7.	Bucket Plastic	2	3	6	12	24	24
8.	Ceiling Fans	As per requirement					
9.	Clock 1per ward	1 per ward					
10.	Containers for kitchen	As needed					
11.	Doctor's chair for OP & ward,	As needed					
12.	Doctor's or Office table	1	2	3	3	10	20
13.	Dressing trolley-1 per floor/ ward depending on layout	1	1	2	4	8	10
14.	Dust bins in each ward & consultation room	1	2	3	6	12	15
15.	Duty table for nurses	1	2	4	8	20	30
16.	Emergency	1 per floor					

	resuscitation kit						
17.	Enema Set	1	2	2	4	4	8
18.	Fire extinguisher	ABC 1 per ward/ floor based on layout					
19.	Foot stools	2	4	8	16	25	25
20.	Fridge	1 Per Area/ Ward					
21.	Heavy duty Torch light	1 per ward					
22.	Hospital Cots	10	As per beds				
23.	Hospital Cots Pediatric	Optional	Optional	Optional	5	10	20
24.	Hot Water Bags	2 per ward					
25.	Hot Water geyser	1	2	2 per ward	2 per ward	2 per ward	2 per ward
26.	I V Stands - 2 per 10 beds	5	10	25	50	100	100
27.	Infra-Red lamp	Optional	Optional	Optional	3	5	5
28.	Intercom System	2 per ward	2 per ward	2 per ward	2 per ward	2 per ward	2 per ward
29.	Kidney Trays1 per 5 beds	2	4	10	25	25	25
30.	Kitchen utensils	Adequate					
31.	Massage table of 7ft. x 2.5ft (wood or fibre)	Optional	One per procedure room				
32.	Medicine trolley	1 per ward					
33.	Office chairs	1	2	4	8	20	20
34.	Office Table	1	2	3	6	10	10
35.	Patient Beds with side rails			20% of total beds			
36.	Patient call Bell System	Optional	Optional	1 per bed			
37.	Patient locker	Optional	Optional	1 per bed			
38.	Patients examination table- 1 per ward/ floor a per the profile of	- 1 per ward/ floor a per the profile of patients & layout of facility					

	patients & layout of facility						
39.	Patients side table	1 per bed					
40.	Pediatric cots with railings as per scope of services	as per scope of services					
41.	Steel or Wooden cup board	2	4	8	16	20	25
42.	Steel rack	1	2	5	10	20	40
43.	Stool 1Per Bed	2	4	8	8	15	25
44.	Stools revolving – 1 per ward	1	1 per ward	1 per ward	2 per ward	2 per ward	2 per ward
45.	Stretcher/ Patient trolley – 1 per ward	1	1	1 per ward	1 per ward	1 per ward	1 per ward
46.	Urinal Male and Female	2	5	10	20	50	100
47.	Waiting chairs / benches for patients relatives	50% of the bed strength					
48.	Weighing Machine	1 per ward					
49.	Wheel chair	1	1	2 per 50 beds			
50.	Wooden massage bed	One	One per service room				
51.	X-ray viewer	one per ward					

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
UNANI**

UNANI STANDARDS FOR

- 1. Clinics**
- 2. Hospitals with 1 to 50 beds**
- 3. Hospitals with 51 to 100 beds**
- 4. Hospitals with 101 to 200 beds**
- 5. Hospitals with 201 and above beds**

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A. Introduction

As for the present state of Unani Medicine in India, the country has the largest infrastructure of academic, research and healthcare institutions of this system. There are 41 educational institutions of Unani Medicine in the country that are recognized by Central Council of Indian Medicine (CCIM), a statutory body established by Government of India by an Act of Parliament, the Indian Medicine Central Council (IMCC) Act, 1970. The health care services have undergone a steady transformation with the wide coverage of every aspect of human welfare as part of health care- like physical, mental and social wellbeing, a reach out to the community, training of health workers, biosocial researches, etc.

A hospital forms an integral part of a social and medical organization, the function of which is to provide for the complete healthcare in terms of both curative and preventive aspect. The hospital is also a center for the training of health workers and for biosocial research. The health is influenced by the accessibility, affordability, quality, availability and utilization of health services.

Traditionally the aim of healthcare facility is to provide Promotion of health, Prevention of disease, Early diagnosis & treatment and Rehabilitation.

Functions of the hospital –

Intramural functions -

1. Restorative – Diagnostic, Curative, Rehabilitative, Emergency care
2. Preventive
3. Education - Medical UGs & PGs, Paramedical
4. Research

Extramural functions –

1. Outpatient services
2. Outreach services
3. Mobile clinics
4. Medical care camps

The health care in Unani system of Medicine is provided at various levels –

1. Dispensaries (Clinics)
2. Hospitals having bed strength up to 50
3. Hospitals having bed strength up to 100

4. Hospitals with bed strength more than 100 up to 200 (Teaching and Training)
5. Hospitals with more than 200 bed strength (Teaching and Training)

A.1 General

The standards thus framed are on account of the minimum requirement of this category of healthcare provider. There are no exclusions. They are dependent on the basic functions of the unit/hospital/provider. All sections mentioned are mandatory and include both structure and basic processes.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable (For example common minimum standards framed for a polyclinic are applicable to a polyclinic only and not to a single specialty hospital)

Now a days the role of hospital has changed with the emphasis shifting from –

1. Acute to chronic illness
2. Curative to preventive medicine
3. Restorative to comprehensive medicine
4. In patient care to outpatient & home care
5. Individual orientation to community orientation
6. Isolated functions to area wise or regional function
7. Tertiary & secondary to primary health care
8. Episodic care to total care

Unani system of Medicine is an ancient healthcare system which deals with the prevention and cure of the disease with an ecological approach. Today is the era of life style disorders and Unani system of Medicine has a unique approach towards these ailments. So there is considerable scope of the Unani hospital today. The scopes are –

1. Health Promotion
2. Disease Prevention
3. Diagnosis of disease
4. Cure of the patients

Services -

Sn	Services	Clinic	1 – 50 beds	51 – 100 beds	101- 200 beds	201 & above beds
1.	Preventive	Yes	Yes	Yes	Yes	Yes
2.	Diagnostic	No	Yes	Yes	Yes	Yes
3.	Therapeutic	Yes	Yes	Yes	Yes	Yes
4.	Follow up	Yes	Yes	Yes	Yes	Yes
5.	Rehabilitative	No	Yes	Yes	Yes	Yes
6.	Scheduled	Yes	Yes	Yes	Yes	Yes
7.	Unscheduled	No	Yes	Yes	Yes	Yes

B. Functions

This section includes the basic services provided by facilities. It is subdivided into two parts

B.1 Core functions (Clinical services)

(Clinics & Outdoor Patients facilities of health care organizations with bed strength of 1 to 50, 51 to 100, 101 to 200 & 201 and above.

SN	Minimum Clinical Services to be provided	Clinics	1 to 50 beds	51 to 100 beds	101 to 200 beds	201 and above
1	<i>Moalijat</i>	<i>Moalajat</i>				
2	<i>Amraz-e-Jild wa Zohrawi</i>	<i>Optional</i>	<i>Amraz-e-Jild wa Zohrawi</i>			
3	<i>Jarahat</i>	<i>Optional</i>				<i>Jarahat</i>
4	<i>Ain</i>	<i>Optional</i>				<i>Optional</i>
5	<i>Uzn, Anaf, Halaq-wa-Asnan</i>	<i>Optional</i>				<i>Uzn, Anaf, Halaq-wa-Asnan</i>
6	<i>Tahaffuzi wa samaji Tibb</i>	<i>Optional</i>	<i>Tahaffuzi wa samaji Tibb</i>			
7	<i>Ilaj bil Tadbir</i>	<i>Optional</i>	<i>Ilaj bil Tadbir</i>			
8	<i>Qabalat wa Amraz-e-Niswan</i>	<i>Optional Only antenatal care and Amraz – e Niswan</i>	<i>Qabalat-wa-Amraz-e-Niswan</i>			
9	<i>Amraz-e-Atfal</i>	<i>Optional</i>	<i>Optional</i>	<i>Amraz-e-Atfal</i>		
10	<i>Izterari (Casualty)</i>	<i>Optional</i>				

<i>Ilaj bit Tadbeer</i>						
<i>Dry Cupping</i>	<i>optional</i>	<i>optional</i>	<i>Dry Cupping</i>	<i>Dry Cupping</i>	<i>Dry Cupping</i>	<i>Dry Cupping</i>
<i>Wet Cupping</i>	<i>Optional</i>	<i>Optional</i>	<i>Wet Cupping</i>	<i>Wet Cupping</i>	<i>Wet Cupping</i>	<i>Wet Cupping</i>
<i>Fasd</i>	<i>Optional</i>	<i>Optional</i>	<i>Fasd</i>	<i>Fasd</i>	<i>Fasd</i>	<i>Fasd</i>
<i>Dalak</i>	<i>Optional</i>	<i>Optional</i>	<i>Dalak</i>	<i>Dalak</i>	<i>Dalak</i>	<i>Dalak</i>
<i>Riyazat</i>	<i>Optional</i>	<i>Optional</i>	<i>Riyazat</i>	<i>Riyazat</i>	<i>Riyazat</i>	<i>Riyazat</i>
<i>Natool</i>	<i>Optional</i>	<i>Optional</i>	<i>Natool</i>	<i>Natool</i>	<i>Natool</i>	<i>Natool</i>
<i>Pashowya</i>	<i>Optional</i>	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>
<i>Hammam</i>	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>	<i>Hammam</i>
<i>Taleeq</i>	<i>optional</i>	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>

Indoor patients facilities

The indoor department of the hospital shall have separate male and female wards and distribution of beds at the rate of 65 sq. meter area per bed ward as under –

Indoor patient's facilities:

The indoor department of the hospital shall have separate male and female wards and distribution of beds at the rate of 65 sq. ft. area per bed ward as under –

SN	<i>Minimum Services to be provided</i>	<i>In 1 to 50 beds</i>	<i>51 to 100 beds</i>	<i>101 to 200 beds</i>	<i>201 and Above</i>
1	<i>Moalijat</i>	<i>Moalijat</i>			
2	<i>Amraz-e-Jild wa Zohrawi</i>	<i>Amraz-e-Jild wa Zohrawi</i>	<i>Amraz-e-Jild wa Zohrawi</i>		
3	<i>Jarahat</i>	<i>Optional</i>		<i>Jarahat</i>	
4	<i>Ain</i>	<i>Optional</i>	<i>Optional</i>		
5	<i>Uzn, Anaf, Halaq-wa-Asnan</i>	<i>Optional</i>	<i>Optional</i>		
6	<i>Tahaffuziwa samaji Tibb</i>	<i>optional</i>	<i>Tahaffuziwasamaji Tibb</i>		
8	<i>Qabalat-wa-Amraz-e-Niswan</i>	<i>Qabalat-wa-Amraz-e-Niswan</i>			
9	<i>Amraz-e-Atfal</i>	<i>Optional</i>			<i>Amraz-e-Atfal</i>
10	<i>Izterari (Casualty)</i>	<i>Optional</i>			

<i>Ilaj bit Tadbeer</i>					
1.	<i>Dry Cupping</i>	<i>optional</i>	<i>Dry Cupping</i>	<i>Dry Cupping</i>	<i>Dry Cupping</i>
2.	<i>Wet Cupping</i>	<i>Optional</i>	<i>Wet Cupping</i>	<i>Wet Cupping</i>	<i>Wet Cupping</i>
3.	<i>Fasd</i>	<i>Optional</i>	<i>Fasd</i>	<i>Fasd</i>	<i>Fasd</i>
4.	<i>Dalak</i>	<i>Optional</i>	<i>Dalak</i>	<i>Dalak</i>	<i>Dalak</i>
5.	<i>Riyazat</i>	<i>Optional</i>	<i>Riyazat</i>	<i>Riyazat</i>	<i>Riyazat</i>
6.	<i>Natool</i>	<i>Optional</i>	<i>Natool</i>	<i>Natool</i>	<i>Natool</i>
7.	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>	<i>Pashowya</i>
8.	<i>Hammam</i>	<i>Optional</i>	<i>Optional</i>	<i>Optional</i>	<i>Hammam</i>
9.	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>	<i>Taleeq</i>

B.2 Auxiliary Functions (support services for eg – diagnostics)

Tashkheesh Amraz Lab.

(Central Laboratory for clinical diagnosis and investigations).

1. There shall be a central laboratory in the hospital complex with proper infrastructure and manpower for carrying out routine, pathological, biochemical and hematological investigations and Unani diagnostic techniques on the patients referred from outdoor and indoor departments of the hospital.
2. There shall be a central Imaging- X-Ray unit in the hospital complex with proper infrastructure and manpower for carrying out routine, imaging investigations on the patients referred from outdoor and indoor departments of the hospital.

Support Services:

1. Accounting
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records
12. Medicine preparation area
13. Medico legal
14. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
15. Personnel Department
16. Pharmacy/ dispensary

- 17. Purchase
- 18. Reception,
- 19. Security services
- 20. Stores
- 21. Waste management Housekeeping/ sanitation

C. Physical Facilities

C.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

C.1.1 Minimum area required for establishing the facility,

Type of Health Care Organization	Requirements	
	If Stand alone building	If part of another building
Clinic	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Minimum area should be adequate to accommodate doctors table, consultation chair, two stools/ chairs, examination bed of the size 6 ft X 2.5 ft., privacy screen around examination area while having free mobility.
1 to 10 bed		Local regulations related to building structures, occupancy, etc. will be followed.
11 to 25		
26 to 50		
51 to 100		
Teaching Hospitals		

C.1.2 Functional space planning of the facility like reception area, waiting area etc

1. Treatment rooms:

- a. Maximum 15 Treatments/Day/Treatment Room.
- b. Number of treatments will depend on type & nature of treatments.

2. Consultation & examination room

- a. Minimum 10 ft. x 10 ft.

- b. Consultation room should be adequate to accommodate:
 - i. Doctors table,
 - ii. Consultation chair,
 - iii. Two stools/ chairs,
 - iv. Examination bed of the size 6 ft X 2.5 ft.,
 - v. Privacy screen around examination area while having free mobility

3. Pharmacy/Dispensary specs:

- a. The pharmacy should be located in an area conveniently accessible
- b. Temperature & humidity to be maintained as per the requirement of the stored medications.
- c. The size should be adequate to contain 5 percent of the total clinical visits to the OPD in one session for hospitals more than 50 beds.
- d. Pharmacy should have adequate medicine storage and dispensing facility for indoor and outdoor patients.

4. Entrance hall with reception area, enquiry counter, cash counter and record area

- a. Preferably 100 sq. ft per 25 beds

5. Waiting area in entire organization

- a. Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital

6. Kitchen area: Applicable only if food is cooked in the hospital. Providing food is mandatory for hospitals of size over 100 beds.

- a. Kitchen area should be sufficient size to prepare food for inpatients as per diet schedule advised by the physician
- b. Kitchen layout and functioning should follow the flow of materials as: Entry-> washed->cutting-> cooking->loading → To Serve
- c. Utensil washing area is separate from the cooking area.

7. Medicine preparation area: Mandatory for hospitals of size over 50 beds.

- a. Preparation area should be of minimum 50 sq. ft: only if medications are prepared in the hospital.

8. Medical Stores specs:

- a. The medical store may be part of pharmacy or separate and secured.

- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

9. RMO Duty Rooms:

- a. Minimum 1 room with attached bathroom & WC, per 2 doctors with separate rooms for male & females with separated sleeping facility with ceiling fan, drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.

10. Nursing station/ duty room (Nurses):

- a. One nursing station/room per 15 beds.
- b. Applicable for clinics only if there is a day care ward.
- c. Nursing stations should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- d. Station should accommodate all nurses on duty at any time.

11. Clinical laboratory specifications:

- a. Laboratory services can be outsourced or can be optional for hospitals up to 100 beds.
- b. Laboratory services are mandatory for hospitals above 100 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided.
- c. Separate Reporting Room for doctors should be there.

12. Radiology section:

- a. Role of imaging department should be radio-diagnosis and ultrasound along with hire facilities depending on the bed strength.
- b. The department should be located at a place which is accessible to both OPD and wards and also to operation theatre department.
- c. The size of the room should depend on the type of instrument installed.
- d. It should conform to AERB requirements.
- e. The room should have a sub-waiting area with toilet facility and a change room facility, if required.
- f. Film developing and processing (dark room) shall be provided in the department for loading, unloading, developing and processing of X-ray films.
- g. Separate Reporting Room for doctors should be provided.

13.Laundry (optional)

- a. Laundry services can be outsourced or can be optional.
- b. If it is provided in house, it should have necessary facilities for drying, pressing and storage of soiled and cleaned linens.
- c. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.

14.Emergency Room specifications:

- a. Emergency room should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- b. Station should accommodate all nurses & doctors on duty at any time.
- c. Room should allow free movement of wheel chair or trolley.
- d. Emergency Room should preferably have different entry than the hospital entry.
- e. Access to Emergency Room should have a ramp for wheel chairs and stretchers.

15.House-Keeping:

- a. Housekeeping services should be made available for effective cleanliness.
- b. Housekeeping services can be outsourced.
- c. Designated areas within functional areas for housekeeping materials has to be in hospital more than 30 beds

16.Security Services:

- a. There is a designated location for each security staff on duty.

Medical record-room:

- b. Medical record-room should be of adequate size as per the load of the documents of the hospital.
- c. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
- d. Fire extinguishers of correct type should be made available nearby all locations.

17.Store rooms:

- a. Store room should be lockable & of adequate size with exhaust fan.

- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

18. Wards:

- a. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.
- b. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- c. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.
- d. At the minimum one nursing station per ward of upto 45 beds will be provided.
- e. There should be minimum 50 ft area per bed with 7 feet distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and a 8" distance between the bed and the wall.
- f. Width of the door to be at least 4 feet.
- g. Permanent, semi-permanent or temporary partition should be present between two beds.

Partitions may be used as and when needed

- h. Ward store area with lockable wall or steel cupboard(s).

19. Duty rooms for doctors

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

20. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

21. Duty rooms for technicians: (optional but prerequisite with functional casualty)

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.

- c. Separate rooms for separate genders will be provided.

Needed only when emergency is functioning, Man power for technicians will increase accordingly

22. Dirty utility room:

- a. Separate area of minimum 15 sq feet.

24: Regimental Therapy Unit or treatment room:

- a. The department is more frequently visited by out-patients and IPD patients but should be located at a place which may be at convenient access to both outdoor and indoor patients with privacy.
- b. It should also have separate rooms for cupping, and leeching with a leech bank *and other regimens*.

C.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

Specifications of the Regimental Therapy Unit:

1. Room Size: Minimum 10 ft. X 10 ft. (As size of massage table is 7ft X 3 ft. the size of room should be 10ft X 10 ft.)
2. Mandatory if procedures are done.
3. Separate Unit is proposed for male & female with attached toilet and bathroom
4. Optional and depending on work load. If more than 15 procedures are carried out per day, separate rooms should be provided.

Specifications of the Operation Theater/ Minor OT for Fasd (Venesection), cauterization:

OT/ procedure room should have sterile zone of at least 10 ft X 10 ft; Size is exclusive of clean zone, independent enclosure to accommodate equipment & maintaining adequate privacy.

1. OT is mandatory if surgical procedures are provided in any hospital.

Waiting area:

- a. Adequate number of seats/ chairs with respect to the bed strength and load of the patients will be provided.
 - b. Separate waiting area for Regimental therapy services is mandatory only in health care units which provide stand-alone Regimental therapy services. Otherwise common waiting areas of the facility can be utilized.
2. Consultation room with examination room: adequate to accommodate Doctors table, consultation chair, two stools/ chairs, examination bed of minimum size of 6 ft. X 2.5 ft., privacy screen around examination area.

3. Sterilization room: adequate to accommodate sterilization equipment & sterilized material.
4. Separate Recovery room for regimental therapy is mandatory only in health care units which provide stand-alone services. Otherwise ward beds of the facility can be utilized.
5. Separate disposal zone for storage of waste as per bio-medical waste management rule

C.1.4 Basic signage

1. A signage within or outside the facility should be made available containing the following information.
2. *All signage meant for patients and visitors shall be bilingual – Local language and Hindi / English.

C.1.4.1 Name of the care provider with registration number,

1. Name of organization.
2. Display of Registration under clinical establishment act

C.1.4.2 Fee structure,

1. Display of tariff list at OPD, Emergency etc.
2. Display of citizen charter in OPD and emergency

C.1.4.3 Timings of the facility

1. Display of OPD timings with names and respective specializations of consultants in OPD.

C.1.4.4 Services provided

Directional signage at main entrance towards emergency and OPD

1. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths, shops
2. Directional signage within the hospital building for all departments within the building
3. Display of department / area name on the entrance of each area / room / counter
4. Display of hospital layout at various entrances in the hospital
5. Display of hospital's scope of services at OPD, Emergency and at Campus entrance
6. Floor Plan With Location Of Departments

7. Plan of Facility
8. usages: departments, OPD & IP room & wards, waiting areas,

C.1.5 Others

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD, emergency and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas
15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Notice board in Operation theatre
18. Routes for all areas
19. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
20. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

C.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements:

Furniture/Fixture Requirements for Outpatient Department (OPD):					
Name of the Equipment	Clinic	Hospital			
	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
Room with well-lighted and ventilated and equipped with a chair and a table for doctor		1 per consultation room			
X-ray viewer		1 per consultation room			
Two chairs for patients & attendants		1 per consultation room			
An examination table of 6 ft. X 2.5 ft. With privacy screen		1 per consultation room			
Blood pressure apparatus		1 per consultation room			
Stethoscope		1 per consultation room			
Torch		1 per consultation room			
Thermometer		1 per consultation room			
Weighing machine		1 per consultation room			
Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.		As per requirement			
Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.		As per requirement			
Refrigerator if temperature sensitive medication are stored (if required)		1 per consultation room			
Computers, (if required)		1 per consultation room			
Telephone equipment		As per requirement			
Air conditioning		As per requirement			
Computers, (if required)		1 per consultation room			

Name of the Equipment	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
Adequate wall or steel Cupboards per Ward	2	4	8	15
Arm Board (Adult)	As needed			
Back rest	As needed			
Bain Marie trolley (stainless steel) 1 per floor	1 per floor			
Bed side cabinets	1 per 5 patients			
Bed side Screen	1 per ward or full length curtains between the beds			
Bucket metallic	As needed			
Ceiling Fans	As per requirement			
Clock (1 per ward)	1 per ward			
Containers for kitchen	As needed			
Doctor's chair	As needed			
Doctor's or Office table	As needed			
Dressing trolley- 1 per floor/ ward depending on layout	1 per ward			
Dust bins in each ward & consultation room	1 per ward			
Duty table for nurses	1 per ward			
Emergency resuscitation kit	3 per ward			
Enema Set	2 per ward			
Fire extinguisher -	ABC 1 per ward/ floor based on layout			
Foot stools	8	16	25	25
Fridge	1 Per Area/ Ward			
Heavy duty Torch light	1 per ward			
Hospital Cots	50	100	300	500
Hospital Cots Pediatric	5	10	30	50
Hot Water Bags	2 per ward			
Hot Water geyser	2 per ward			
IV Stands - 2 per 10 beds	10	20	50	100
Infra-Red lamp	3	5	10	10
<i>Intercom System</i>	<i>1 per ward</i>			
Kidney Tray 1 per 5 beds	20	40	50	50
Kitchen utensils,	Adequate			
Massage table of 7ft. x 2.5ft (wood or fibre)	One per procedure room			
Medicine trolley	1 per ward			
Office chairs	4	8	20	20
Office Table	3	6	10	10
Patient beds with side rails	20% of total beds			
Patient call Bell System	1 per bed			
Patient locker	1 per bed			
Patients examination table- 1	- 1 per ward/ floor a per the profile of patients & layout			

per ward/ floor a per the profile of patients & layout of facility	of facility			
Patients side table	1 per bed			
Pediatric cots with railings as per scope of services	as per scope of services			
Steel or Wooden cup board	8	16	20	25
Steel rack	5	10	20	40
Stool 1Per Bed	8	8	15	25
Stools revolving - 2 per ward	2 per ward			
Stretcher/ Patient trolley - 1 per ward	1 per ward			
Urinal Male and Female	10	20	50	100
waiting chairs / benches for patients relatives	50% of the bed strength			
Weighing Machine	1 per ward			
Wheel chair	2 per 50 beds			
Wooden massage bed	One per service room			
X-ray viewer	one per ward			

Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
Arm chair	One per service room				
Examination table	Minimum 1				
Focus lamp	Minimum 1 per service room				
Foot stool	One per service room				
Gas/Stove	One per service room				
Glass containers (1 liter capacity) for storing used leeches:	5-10 (for each patient requires separate container and the number may vary according to the number of patients)				
Good light source	Minimum 1 per service room				
hamox stretchers / Stretchers with wheels	One per service room				
Heating facilities	One per service room				
Hot water bath	One per service room				
IV stands	One per service room				
Massage table of 7ft. x 2.5ft (wood or fibre)	One per service room				
Mixture/Grinder/Churner	One per service room				
OT table / Lithotomy Table with Side Railings	Minimum one				
Plastic aprons, gloves and mask	One per service room				

Amal tariq (wooden chamber)	One per service room
Revolving stools	Minimum 1 per service room
Stool	One per service room
Sufficient light and ventilation	One per service room
Surgical trolley	Minimum 1
Torch	Minimum 1 per service room
Wheel chairs	One per service room
Pressure cooker (10 litre minimum)	One per (massage)service room
<i>Nutool table with flexible hanging stand</i>	<i>One per (nutool) service room</i>
<i>Tubs for Pashowya and Abzan</i>	<i>One per (nutool) service room</i>

C.2.2 Sundry Articles Requirement

Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
Air conditioners Central A/C for OT	Optional			Minimum 1	
Ambulance		Optional			Minimum 1
Ceiling / wall Fans				As needed	
Clock				1 per ward	
Computer with modem with UPS, printer with internet connection				As needed	
Coolers				As needed	
Drinking Water purifier				As needed	
Emergency lamp				2 Per Area/ Ward	
Emergency trauma set				2 per ward	
Exhaust Fan				As needed	
Fire extinguishers				As needed	
Geyser				2 per ward	
Refrigerator				1 per ward	
Storage Geyser				1 per ward	
Tables & Chairs				As needed	
Telephone/ cell phone				1 per ward	
Tube lights				As needed	
Vacuum cleaner				As needed	

C.2.3 Others

Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
Computer with Modem with UPS, Printer with Internet Connection	As needed				
Photocopying Machine	As needed	As needed	1 per ward	1 per ward	1 per ward
Intercom (10 lines)	As needed				
Fax Machine	-	As needed	As needed	As needed	As needed
Telephone	One per organization				Two per organization
Public Address System	-	Covering Indoor and OPD Areas			

C. 3 Engineering Services Requirements

This will include the detail information about the basic requirements including

C.3.1 Electrical Requirements

1. At least 3 hours backup or generator for critical areas
2. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
3. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
4. The illumination in the hospital is provided as per the prescribed standards.
5. Shadow less lights should be provided in operation theatres and delivery rooms.
6. Emergency portable light units should be provided in the wards and departments.

C.3.2 Plumbing Requirements

1. Number of Wash basins

- i. 1 for every 20 persons or part there
- ii. Doctor, staff, patients and visitors have an access to wash basin(s) 1 for every 50 persons or part there.
- iii. Dirty utility & surgical / procedural hand wash basin will be separate from general use & one each.

2. Number of Water closets

- i. 1 for every 20 beds or part thereof.
- ii. Doctor, staff, patients and visitors have an access to wash closet(s) 20 beds or part thereof.

3. For in-patient department

a. No. of Wash basins

- i. 1 for every 12 beds or part thereof
- ii. Doctor, staff, patients and visitors have an access to wash basin(s);
- iii. Procedure hand wash basins are separate and located close to procedure area. 1 for every 12 beds or part thereof

No. of Water closets

- i. 1 for every 6 beds or part thereof
- ii. Separate water closets are available for use for outpatient and in-patient areas.
- iii. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.

b. No. of bathrooms

- i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
- ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms

c. WC

- i. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- ii. Average size of toilet : 810 mm X 1800mm with grab bars
- iii. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- iv. At least one wheel chair friendly toilet of dimensions 2200mm X 1800mm must be provided.

C.3.3 Civil Requirements

1. Space between 2 rows of beds in a ward should be minimum 5 ft.
2. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
3. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with functional wheels and at least 4 feet if beds do not have functional wheels.
4. If there are no beds then this requirement is not applicable.
5. Size of hospital bed should be minimum 6' x 3'
6. Area per bed should be Minimum 50 sq. ft. / bed

C.3.4 HVAC / AC / Ventilation / Cross Ventilation Requirements

1. Air-conditioning and Room Heating in operation theatre and neo-natal units should be provided.
2. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
3. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.

C.3.5 Others

1. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

C.4 Public Utilities

C.4.1 Safe drinking water

1. Round the clock availability of safe drinking water for patients, staff and visitors.
2. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

C.4.2 Sanitary Requirements

1. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.
2. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
3. Separate provision for firefighting should be available.

4. Water softening plant should be considered where hardness of water is a major problem.

C. 4. 3. Drainage and Sanitation

1. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.
2. **Waste Disposal System:** National guidelines on Bio-Medical Waste Management and a Notification of Environment and Forests are at Annexure - I.

D. Equipment /instruments

This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings

D.1 Therapeutic equipment

1: Outpatient department (OPD)

	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1	A chair and a table for doctor	1 per consultation room				
2	X-ray viewer	1 per consultation room				
3	stools for Patients	1				
4	Patients waiting chairs / benches	50% of the bed strengths				
5	An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room				
6	Blood pressure apparatus	1 per consultation room				
7	Stethoscope	1 per consultation room				
8	Torch	1 per consultation room				
9	Thermometer	1 per consultation room				
10	Weighing machine.	1 per consultation room				
11	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement				
12	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement				

2: In-Patient department (IPD)

Sn	Name of the Equipment	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1	Ambu bags	3	6	6	6
2	Arm Board Adult	6	12	24	24
3	Autoclave Drums	3	6	9	12
4	Back rest	2	4	8	20
5	Bain marie trolley stainless steel 1 per floor	1	2	4	8
6	Bed pans: 1 per 5 patients	10	20	50	100
7	Biomedical waste colour coded bins	Each per floor			
8	Cheatele forceps assorted sizes	5	8	16	25
9	Clock per ward	1 per ward			
10	Containers for kitchen	As required			
11	Dressing trolley-1 per floor/ ward depending on layout	1 per ward			
12	Dust bins in each ward & consultation room	1 per ward			
13	Emergency resuscitation kit	1 per floor			
14	Enema Set	As required			
15	Fridge	As required			
16	Heavy duty Torch light - 1 per ward	1 per ward			
17	Hot Water Bags 2 per ward	2 per ward			
18	I V Stands - 2 per 10 beds	2 per 10 beds			
19	Infra-Red lamp	3	5	10	10
20	Instrument tray - minimum 1 per ward	minimum 1 per ward			
21	Instrument trolley - 1 per ward	minimum 1 per ward			
22	Intercom System	As required			
23	Kidney Trays-1 per 5 beds	1 per 5 beds			
24	Massage table of 7ft. x 2.5ft (wood or fiber)/ Wooden massage bed	1 per treatment room			
25	Medicine trolley	minimum 1 per ward			
26	Needle cutter - 3 per ward	3 per ward			
27	Non mercury Thermometer clinical	1 per ward			
28	O2 cylinder with spanner	1 per ward			
29	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward			
30	Sphygmomanometers-Stand Type 1& Portable (aneroid or Digital) Type X	1 per ward			
31	Stretcher/ Patient trolley	1 per ward			
32	Weighing Machine	1 per ward			
33	X-ray viewer - one per ward	1 per ward			

3: Regimental Therapy Room

3: Equipments /instruments for Regimental Therapy Room						
SN	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1.	Amaltariq (wooden chamber)		Minimum 1			
2.	As per requirement: Dressing tray with gloves, bandage cloth, bandages etc.		Adequate			
3.	Autoclave equipment for sterilization		Minimum 1			
4.	Autoclave/ Sterilizer		Minimum 1			
5.	Bedpan (male and female)		As needed			
6.	Buckets/Plastic tubs/Basin(with provision of measuring scale)		As needed			
7.	Bunsen flame		1 minimum			
8.	Clock		1 Per Area/ Ward			
9.	Consumables		Adequate			
10.	crash cart		Minimum 1			
11.	Disposable syringes (5-10cc, 20-50cc)		As needed			
12.	Enema pot		As needed			
13.	Examination table		Minimum 1			
14.	Focus lamp		Minimum 1			
15.	Foley's Catheter		As needed			
16.	Gas/Stove		Minimum 1			
17.	Glass containers (1 liter capacity) for storing used leeches:5-10 (for each patient requires separate container and the number may vary according to the number of patients)		Minimum 1			
18.	hamox stretchers / Stretchers with wheels		Minimum 1			
19.	Hot water bag		Minimum 1			
20.	Instruments : Different types of Forceps, Scissors, Needles, Suturing material etc. (as per requirement)		Adequate			
21.	IV stands		As needed			
22.	Kidney trays		Minimum 1			
23.	Knife and scissor1 each		As needed			

24.	Leeches :As per the requirement, usually 3-5 leeches per patient/ treatment period)	As needed	
25.	Mahjama of different sizes (cupping instruments)	Minimum 1set	
26.	Massage table of 7ft. x 2.5ft (wood or fibre)	As needed	
27.	Measuring glasses set	Minimum 1	
28.	Metallic or disposable insemination cannula	Minimum 1	
29.	Mixture/Grinder/Churner	Minimum 1	
30.	OT instruments	Minimum 1	
31.	OT Table with stand	Minimum 1	
32.	Plastic aprons, gloves and mask	As needed	
33.	Rubber Catheters without cracks & without frayed edges	As needed	
34.	scalpel	As required	
35.	Small pillows covered with rexin sheet	As needed	
36.	Sphygmomanometer	Minimum 1	
37.	spittoon	Minimum 1	
38.	Sterile apron	Minimum 1	
39.	Sterile cotton	As per use	
40.	Sterile Gauze	As per use	
41.	Sterile gloves	As per use	
42.	sterile urinary catheters	As per use	
43.	Sterilizer or Autoclave	Minimum 1	
44.	Stethoscope	Minimum 1	
45.	stop watch	Minimum 1	
46.	Storage Aquarium for fresh leeches: 20-25 liters capacity (may be with partitions)	Optional	Minimum 1
47.	Stretchers with wheels	Minimum 1	
48.	Sufficient light and ventilation	As needed	
49.	Surgical tray	1 per ward/therapy room	
50.	Surgical trolley	Minimum 1 /therapy room	
51.	Surgical trolley	Optional	Minimum 1
52.	Thermometer digital	Minimum 1	
53.	Toothed forceps	Minimum 1	
54.	Torch	Minimum 1	

D.2 Surgical equipment

1: Operation Theater

sn	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1	Anterior vaginal wall retractor		Adequate			
2	Artery forceps		Adequate			
3	Auto Clave HP Vertical /horizontal (2 bin)		Minimum 1			
4	Autoclave equipment for sterilization/Sterilizer		Minimum 1			
5	Bladder sound (Urethral dilators) of different sizes		Minimum 1			
6	Crash Cart with lifesaving drugs and Resuscitation Kit		Minimum 1			
7	Cusco's Speculum		As needed			
8	Diathermy Machine (Electric Cautery)		As needed			
9	Disposable syringes (5-10cc)		As needed			
10	Enema Pot		Minimum 1			
11	Focus lamp Ordinary		Minimum 1			
12	Foley's Catheter		As needed			
13	Formalin dispenser		Minimum 1			
14	General Surgical Instrument Set Piles, Fistula, Fissure, etc		Minimum 1			
15	Instrument Trays of various Sizes		Adequate			
16	Instrument Trolley		As needed			
17	IV stands		As needed			
18	Kidney tray		As needed			
19	Knife and scissor 1 each		As needed			
20	L. P. Tray		Adequate			
21	Magill's forceps (two sizes)		Adequate			
22	Metallic or disposable insemination cannula		Adequate			
23	Operation table Hydraulic Minor with stand		Minimum 1			
24	OT Spot light (Shadowless ceiling fitted/ stand mounted)		Minimum 1			
25	Oxygen Cylinder		Minimum 1			
26	Oxygen Mask with Circuit		Minimum 1			
27	Plastic aprons, gloves and mask		Adequate			
28	Shadowless lamp ceiling type major / minor		1			2
29	Shadowless Lamp stand model		Minimum 1			
30	Sims speculum in small, medium & large size		Adequate			
31	Sphygmomanometer		Minimum 1			
32	Sterile cotton		As needed			
33	Sterile gloves		As needed			

34	Steriliser Small (Instruments)	As needed
35	Sterilizer big (Instrument)	As needed
36	Sterilizer Medium (Instrument)	Minimum 1
37	Stethoscope	Minimum 1
38	Suction Apparatus - Electrical	Minimum 1
39	Suturing Set	Minimum 1
40	Swab holders	Minimum 1
41	Thermometer	Minimum 1
42	Tongue depressors	Minimum 1
43	Toothed forceps	Minimum 1
44	two long (8 inch)& two short (6 inch) Artery forceps	Minimum 1
45	two Uterine sound	Minimum 1
46	Urethral Dilator Set	Minimum 1
47	Vaginal Examination set	Minimum 1
48	Vulsellum	Minimum 1

2: Anesthesia

Sn	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101- 200 beds	201 and above beds
1	Airway female & male	Adequate				
2	Anaesthesia Trolley / Boyle's Apparatus	Minimum 1 if anesthesia is given	Minimum 1			
3	Anesthetic- laryngoscope magills with four blades	Minimum 2				
4	CO2 cylinder for laparoscope	Minimum 1				
5	Connector set of six for ETT	Minimum 1				
6	Defibrillator/ AED	Minimum 1				
7	Endotracheal tube sets	Minimum 1				
8	Magills forceps (two sizes)	Minimum 1				
9	Mouth prop	Minimum 1				
10	Multi-parameter Monitor	Minimum 1				
11	N ₂ O Cylinder for Boyle's Apparatus	Minimum 1				
12	O ₂ cylinder for Boyle's Apparatus	Minimum 1				
13	Tongue depressors	Adequate				
14	Tubes connecting for ETT	Adequate				

D.3 Diagnostic equipment

1: Imaging Equipment

Sn	Imaging Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1	300 M.A. X-ray machine	Optional				Minimum 1
2	Ultra Sonogram (Obs & Gyne. department should be having a separate ultra-sound machine of its own)	Optional			Minimum 1	
3	Echocardiogram	Optional				
4	X-ray developing tank	Minimum 1 if X-ray machine exists	Minimum 1			
5	Safe light X-ray dark room	Minimum 1 if X-ray machine exists				
6	Cassettes X-ray	Minimum 1 if X-ray machine exists				
7	Lead apron	Minimum 1 if X-ray machine exists				
8	Intensifying screen X-ray	Minimum 1 if X-ray machine exists				
9	Thyroid shield	Minimum 1 if X-ray machine exists				
10	TLD batches	One per person				
11	Gonadial guard	Minimum 1 if X-ray machine exists				
12	X-ray lobby single	Minimum 1 if X-ray machine exists				

2: Laboratory Equipments

Sn	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
	Alarm clock	Optional	1 Per/ Ward			
	Automatic cell counter	Optional				Minimum 1
	Auto analyzer/ Semi auto analyzer	Optional				Minimum 1
	Binocular Microscope	Minimum 1				
	Chemical Balances	Minimum 1				
	Counting chamber	Minimum 1				
	Electric Colorimeter	Minimum 1				
	Electric centrifuge, table top	Minimum 1				
	ESR stand with tubes	Minimum 1				
	<i>Electrolyte analyzer</i>	optional				Minimum 1
	Glucometer	1 Per Area/ Ward				
	Hemoglobinometer	Minimum 1				

Sn	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
	Hot air oven	As needed				
	Hot plates	As needed				
	Lab Incubator	As needed				
	Laboratory Auto Claves	As needed				
	Micro pipette of different volumes	As needed				
	PH meter	As needed				
	Refrigerator	Minimum 1				
	Rotor / Shaker	Minimum 1				
	Simple balances	Minimum 1				
	Spirit lamp	Minimum 1				
	TCDC count apparatus	As needed				
	Test tube holders	As needed				
	Test tube rack	As needed				
	Test tube stands	As needed				
	Timer stop watch	As needed				
	Water bath	As needed				

D.4 Emergency equipment

S No.	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1.	Emergency equipment box for first aid & BLSS	Minimum 1				
2.	Crash-Cart trolley:1	Optional	Minimum 1			
3.	Portable defibrillator:1	Optional			Minimum 1	
4.	Disposable syringes	As needed				
5.	Ambu Bag:1	Minimum 1				
6.	Laryngoscope with cell	Minimum 1				
7.	Sealed battery cell	Minimum 1				
8.	Endotracheal tubes	As needed				
9.	Monitor	As needed				

D.5 Sterilizing Equipment

Sterilizing Equipments						
Sr. No.	Name of the Equipment	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1.	Auto Clave HP Vertical (2 bin)	As needed	Minimum 1			
2.	Autoclave equipment (drums or trays) for sterilization/Sterilizer	Adequate				

E. Manpower

This includes the Designation, minimum qualification & number of people required in the facility.

E.1 Medical practitioners

1. **Category:** Doctors
2. **Minimum Qualifications:** Degree/ Post Graduate Degree from recognized university by Central Government or State government of Indian Medicine.
3. **Registration:** (if applicable): with state or central council of Indian Medicine
4. **Trained / skilled:** Trained

Strength (The minimum number of staff required as per the function.)						
Sr. no.	Doctors BUMS/ MD	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1.	Hospital Superintendent ¹	1	1	1	1	1
2.	Hakim Specialist (Moalijat)	2	2	2	4	5
3.	Hakim Specialist (Jarahat)	1	1	1	2	2
4.	Hakim specialist Amraz-e-Jild -wa zohrawia			2	2	2
5.	Hakim specialist Amraz-e-Dimag -wa Asab				2	2

6.	Hakim specialist Nafsiyat				1	2
7.	Hakim specialist Amraz Ain			1	2	2
8.	Hakim specialist Amraz Uzn Anaf wa Halaq			1	2	2
9.	Hakim Specialist (NiswanwaQabala)	1	1	2	4	4
10.	Hakim Specialist (Atfal)	1	1	2	3	3
11.	Hakim Specialist (Regimental Therapy)	1	1	2	3	4
12.	Hakim Specialist (Preventive Medicine)	1	1	2	3	3
13.	Anesthetist	1	1	1	2	2
14.	Radiologist DMRE/ MD in concerned subject	1	1	1	2	2
15.	Pathologist (visiting/part time/full time)	1	1	1	2	2
16.	<i>General Duty Hakims</i>	7	7	15	25	30

E.2 Therapists:

1. **Category:** Therapists:
2. **Minimum Qualifications** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
 - a. This encompasses certified course in Regimental Therapy from recognized state or central council for Unani medicine
 - b. *On the job training or allied course in Unani medicine.*
3. **Registration with the concerned council**(if applicable): state or central council of Indian Medicine
4. **Trained / skilled:** Trained

Strength: Minimum 2 per treatment room; male and female separate; i.e. minimum 2 male technicians or 2 female technicians for a treatment room.

Sr. no	Therapists – Technicians	Clinic	1 to 50 beds	51-100 beds	101-200 beds	201 and above beds
1.	<i>Hammam Female Technician</i>	1	1	2	3	4
2.	<i>Hammam Male Technician</i>	1	1	2	3	4
3.	<i>Dalak Technician Male</i>	1	1	1	2	2
4.	<i>Dalak Technician Female</i>	1	1	1	2	2
5.	<i>Technician for Riyazat</i>	1	1	1	2	2

E.3 Paramedics

1. **Category:**Paramedics
2. **Minimum Qualifications** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
3. **Registration with the concerned council**(if applicable): state or central council of Indian Medicine
4. **Trained / skilled:** Trained

Sr. no	Staff	Minimum qualification	Clinic	1 to 50 beds	51-100 beds	101-200 bedsl	201 and above bedded hospital
1.	Clerk for Billing	12th Standard passed.	-	1	1	2	2
2.	Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	As per requirement				
3.	Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle With State Road Transport Office. If driving an	As per requirement				

		ambulance, specific training is required.					
4.	ECG Technician (if ECG services are provided in- house)	1 year experience of taking ECG	-	1	1	1	2
5.	Electrician	If exists, Diploma in Electrical Engineering	-	1	2	2	3
6.	Hospital worker (OP/ward +OT)	Eight standard completed		5	5	10	20
7.	Housekeepin g Staff	Ability to read national or local language	1	1	2	3	6
8.	Kitchen Servant (if food is cooked in- house)	-	As per requirement				
9.	Laboratory Attendant (Hospital Worker) (if lab is in- house)	Ability to read national or local language	-	2	2	6	10
10.	Laboratory Technician (if Lab is in- house)	Qualified Laboratory Technician	-	2	3	6	10
11.	Maintenance person	If exists, Diploma in Electrical	-	1	1	2	3

		Engineering.					
12.	Medical Records Officer / Technician	MR Technician/Minimum qualification-12th Standard passed.	-	1	1	1	2
13.	OT Assistant (if surgical services are provided)	OT Technician Minimum qualification-12th Standard passed.	1	2	2	3	4
14.	Peon	Eight standard completed	-	1	1	1	2
15.	Pharmacist (if pharmacy is in-house)	Diploma in Unani Pharmacy (D.Pharma) Bachelor in Unani Pharmacy (B.Pharma) Master in Unani Pharmacy (M.Pharma)- Master of Science in Medicinal Plants (M.Sc Medicinal Plants)- PG Diploma in Unani Drug Standardisation Certificate course	-	2	4	6	8
16.	Physiotherapist	Qualified PT	-	1	1	1	2

17.	Plumber	-	-	1	1	1	2
18.	Radiographer (if Imaging is in-house)	Qualified Radiographer		1	1	1	1
19.	Sanitary Worker	-		5	5	10	15
20.	Store keeper/ Manager	Minimum qualification- 12th Standard passed.	-	-	1	1	1
21.	Therapy Attendant	Eight standard completed	Minimum 1 and as per requirement				
22.	Ward Ayah	Eight standard completed	Minimum 1 per ward/ floor and as per requirement				
23.	Ward boy	Eight standard completed	Minimum 1 per ward/ floor and as per requirement				

E.4 Nurses:

1. **Category:** Nursing
2. **Minimum Qualifications:** GNM or BSc or MSc Nursing
3. **Registration:** State Nursing Council of where hospital is located
4. **Trained / skilled:** Trained

Nurses to Beds Ratio: 1 per 20 beds						
Sn	Nursing Staff	Clinic	1 to 50 bedded Hospital	51-100 bedded Hospital	101-200 bedded hospital	201 and Above bedded hospital
1.	Staff Nurse	1	1 for every 20 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.			
2.	Matron	-	1	1	2	2

E.5 Administrative staff: The number would vary as per requirement and may be outsourced.

Administrative staff						
Sr. no	Administrative staff	Clinic	1 to 50 bedded Hospital	51-100 bedded Hospital	101-200 bedded hospital	201 and Above bedded hospital
1.	Office Superintendent/ Hospital Administrator	-	1	1	1	1
2.	Accountant	-	2	2	3	5
3.	Computer Operator	-	6	6	10	15
4.	Security Staff*	-	2	4	6	10

F. Drugs

This segment includes the minimum essential drug which needs to be maintained in the facility.

F.1 Anaesthetics drugs

Category: Anesthetics drugs			
Sr. no.	Name of the Drug	Strength	Minimum Quantity
1.1 General Anesthesia (to be given only by a qualified allopathy anesthetist)			
1.	Ether,		As per requirement
2.	Halothane		As per requirement
3.	Isoflurane*		As per requirement
4.	Ketamine Hydrochloride Injection	10 mg / ml, 50 mg / ml	As per requirement
5.	Nitrous Oxide	medical grade	As per requirement
6.	Oxygen	medical grade	As per requirement
7.	Injection Thiopentone Sodium	0.5 g, 1 g powder	As per requirement
1.2 Local Anesthesia			
8.	Injection Bupivacaine Hydrochloride	0.25%,0.5% 0.5% + 7.5% Glucose	As per requirement
9.	Spray Ethyl Chloride	1%	As per requirement
10.	Injection Lignocaine	Topical Forms 2-5%	As per requirement

11.		Hydrochloride 1-2% Spinal 5% + 7.5% Glucose	As per requirement
12.	Injection Lignocaine Hydrochloride + Adrenaline	1%, 2% +Adrenaline 1:200,000 In vial 1.3	As per requirement
1.3 Preoperative Medication and Sedation for Short Term Procedures			
13.	Injection Atropine Sulphate	0.6 mg / ml	As per requirement
14.	Injection Diazepam	5 mg Injection 5 mg / ml	As per requirement
15.	any other medication as decided by the concerned anesthetist		As per requirement

F.2 Emergency drugs

Category: Emergency Drugs			
Sr. no.	Name of the Drug	Strength	Minimum Quantity
1.	Inj. Adrenaline	As per I.P.	Minimum 10 Ampoules/ Vials
2.	Inj. Atropine	As per I.P.	Minimum 10 Ampoules/ Vials
3.	Inj. Calcium Carbonate	As per I.P.	Minimum 10 Ampoules/ Vials
4.	Inj. Dopamine	As per I.P.	Minimum 10 Ampoules/ Vials
5.	Inj. Dobutamine	As per I.P.	Minimum 10 Ampoules/ Vials
6.	Inj. Nitroglycerine	As per I.P.	Minimum 10 Ampoules/ Vials
7.	Inj. Sodium Bicarbonate	As per I.P.	Minimum 10 Ampoules/ Vials
8.	Inj. Hydrocortisone	As per I.P.	Minimum 10 Ampoules/ Vials
9.	Inhaler Beclomethasone (250 micro/dose)	As per I.P.	Minimum 10 Ampoules/ Vials
10.	Inhaler Salbutamol (200 micrograms)	As per I.P.	Minimum 10 Ampoules/ Vials
11.	Inj. Frusemide	As per I.P.	Minimum 10 Ampoules/ Vials
12.	Inj. Diazepam/Midazolam	As per I.P.	Minimum 10 Ampoules/ Vials
13.	Inj. Deriphyllin	As per I.P.	Minimum 10 Ampoules/ Vials
14.	Inj. Phenytoin sodium	As per I.P.	Minimum 10 Ampoules/ Vials
15.	Inj. Avil	As per I.P.	Minimum 10 Ampoules/ Vials
16.	Inj. Ondansetrone	As per I.P.	Minimum 10 Ampoules/ Vials
17.	Inj. KCl	As per I.P.	Minimum 10 Ampoules/ Vials
18.	Inj. Lignocaine 2%	As per I.P.	Minimum 10 Ampoules/ Vials
19.	Inj. Amiodarone	As per I.P.	Minimum 10 Ampoules/ Vials
20.	Inj. Magnesium sulphate	As per I.P.	Minimum 10 Ampoules/ Vials
21.	Inj. Mannitol	As per I.P.	Minimum 10 Ampoules/ Vials
22.	Inj. Morphine/Inj. Pethidine	As per I.P.	Minimum 10 Ampoules/ Vials
23.	Inj. Noradrenaline bititrate	As per I.P.	Minimum 10 Ampoules/ Vials
24.	Inj. Fentanyl	As per I.P.	Minimum 10 Ampoules/ Vials
25.	water for Injection	As per I.P.	Minimum 10 Ampoules/ Vials
26.	Inj. Sodium Valporate	As per I.P.	Minimum 10 Ampoules/ Vials
27.	Inj. Voveran	As per I.P.	Minimum 10 Ampoules/ Vials
28.	Inj. Paracetamol	As per I.P.	Minimum 10 Ampoules/ Vials
29.	Mannitol Injection	As per I.P.	Minimum 10 Ampoules/ Vials

30.	Metoprolol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
31.	N/2 saline Injection	As per I.P.	Minimum 10 Ampoules/ Vials
32.	Oxygen Inhalation	As per I.P.	Minimum 10 Ampoules/ Vials
33.	Oxytocin Injection	As per I.P.	Minimum 10 Ampoules/ Vials

F.3 General Drugs:

LIST OF MEDICINES / INSTRUMENTS / EQUIPMENTS / LAB REAGENTS / OTHER CONSUMABLES AND DISPOSABLES

Single Unani Drugs

Unani Name	Botanical Name
• Abhal	<i>Juniperus communis</i> Linn.
• Afsanteen	<i>Artemisia absinthium</i> Linn.
• Ajwain	<i>Trachyspermum ammi</i> (Linn.) Sprague
• Amaltas	<i>Cassia fistula</i> Linn.
• Amba Haldi	<i>Curcuma amada</i> Roxb.
• Amla	<i>Emblica officinalis</i> Gaertn.
• Anisoon	<i>Pimpinella anisum</i> Linn.
• Anjbar	<i>Polygonum bistorata</i> Linn.
• Anjeer	<i>Ficus hispida</i> Linn.f.
• Aqaqia	<i>Acacia arabica</i> Willd.
• Aqarqarha	<i>Anacyclus pyrethrum</i> DC.
• Asabgol	<i>Plantago ovata</i> Forsk.
• Asarun	<i>Ruscus aculeatus</i> Linn.
• Asgandh	<i>Withania somnifera</i> (Linn.) Dun.
• Asl-us-Soos	<i>Glycyrrhiza glabra</i> Linn.
• Atees	<i>Aconitum heterophyllum</i> Wall. ex Royle
• Azaraqi	<i>Strychnos nuxvomica</i> Linn.
• Babchi	<i>Psoralea corylifolia</i> Linn.
• Babool	<i>Acacia arabica</i> Willd.
• Badiyan	<i>Foeniculum vulgare</i> Mill.
• Badranjboya	<i>Melissa parviflora</i> Benth.
• Bakayin	<i>Melia azedarach</i> Linn.
• Balhchar	<i>Narbastachys jatamansi</i> DC.
• Balela	<i>Terminalia bellirica</i> (Gaertn.) Roxb.
• Baobarang	<i>Embelia ribes</i> Burm. f.
• Baqla	<i>Mentha longifolia</i> (Linn.) Huds.
• Bazrul Banj	<i>Hyoscyamus niger</i> Linn.
• Bedanjeer	<i>Ricinus communis</i> Linn.
• Bedmushk	<i>Salix caprea</i> Linn.
• Beej Band	<i>Rumex maritimus</i>
• Beekh Baadiyan	<i>Foeniculum vulgare</i> Mill
• Beekh Karafs	<i>Apium graveolens</i>
• Behidana	<i>Cydonia oblonga</i> Mill.
• Bisbasa	<i>Myristica fragrans</i> Houtt.
• Bisfayej	<i>Polyjpodium vulgare</i> Linn.
• Biskhapra	<i>Trianthema portulacastrum</i> Linn.
• Brinjasif	<i>Achillea millefolium</i> Linn.

• Chaksu	<i>Cassia absus</i> Linn.
• Chiraita	<i>Swertia chirayita</i> (Roxb. ex Flem.) Karst.
• Chobchini	<i>Smilax china</i> Linn.
• Darchini	<i>Cinnamomum zeylanicum</i> Blume
• Darunj-e-Aqrabi	<i>Dornoicum hookeri</i>
• Dhatura	<i>Datura innoxia</i> Mill.
• Enabus Saleb	<i>Solanum nigram</i> Linn.
• Filfil Daraz	<i>Piper longum</i> Linn.
• Filfil Siyah	<i>Piper nigrum</i> Linn.
• Gaozaban	<i>Onosma bracteatum</i> Wall.
• Ghariqoon	<i>Agaricusalba</i> Linn.
• Gheekawar	<i>Aloe barbadensis</i> Mill.
• Ghongchi Sufaid	<i>Abrus precatorius</i> Linn.
• Gilo	<i>Tinospora cordifolia</i> Miers
• Gular	<i>Ficus racemosa</i> Linn.
• Gul-e-Babuna	<i>Matricaria chamomilla</i> Linn.
• Gul-e-Banafsha	<i>Viola odorata</i> Linn.
• Gul-e-Gurhal	<i>Hibiscus rosa-sinensis</i> Linn.
• Gul-e-Madar	<i>Calotropis gigantea</i> (Linn.) Ait. f.
• Gul-e-Surkh	<i>Rosa damascena</i> Mill.
• Gul-e-Tesu	<i>Butea monosperma</i> (Lam.)
• Gulnar Farsi	<i>Punica granatum</i> Linn.
• Gurmar Buti	<i>Cephaelis ipecacuanha</i> (Brot.) A. Rich.
• Halelah	<i>Terminalia chebula</i> Retz.
• Halyun	<i>Asparagus officinalis</i> Linn.
• Hanzal	<i>Citrulluscolocynthis</i> (Linn.) Schrad.
• Heel Kalan	<i>Amomum subulatum</i> Roxb.
• Heel Khurd	<i>Elettaria cardamomum</i> (Linn.) Maton
• Heeng	<i>Ferula foetida</i> regel
• Hina	<i>Lawsonia inermis</i> Linn./ <i>Jasminum sambac</i> (Linn.) Ait.
• Inderjau Shireen	<i>Wrightia tinctoria</i> (Roxb.) R. Br.
• Inderjau Talkh	<i>Holarrhena antidysenterica</i> (Roxb. ex Flem.) Wall. ex DC.
• Irsa	<i>Iris ensata</i> Thunb.
• Izhkhar	<i>Cymbopogon jawarancusa</i> (Jones) Schult.
• Kahu	<i>Lactuca sativa</i> Linn.
• Kaifal	<i>Myrica esculenta</i> Buch.-Ham. ex D. Don Syn.: <i>M. nagi</i> Thunb.
• Kali Ziri	<i>Centratherum anthelminticum</i> (Linn.) Kuntze
• Kamila	<i>Mallotus phillipensis</i> Muell.-Arg.
• Karanjwa	<i>Caesalpinia bonducella</i> Flem.
• Kateera	<i>Cochlospermum religiosum</i> (Linn.) Alston.
• Kattha	<i>Acacia catechu</i> Willd.
• Khatmi	<i>Althaea officinalis</i> Linn.
• Khulanjan	<i>Alpinia galanga</i> (Linn.) Willd.
• Khurfa	<i>Portulaca oleracea</i> Linn.
• Kishneez Khushk	<i>Coriandrum sativum</i> Linn.
• Kulthi	<i>Dolichos biflorus</i> Linn.
• Madar	<i>Calotropis gigantea</i> (Linn.) Ait. f.
• Majeeth	<i>Rubia cordifolia</i> Linn.
• Marorphali	<i>Helicteres isora</i> Linn.

• Methi	<i>Trigonella foenum-graecum</i> Linn.
• Mochras	<i>Bombax malabaricum</i> DC.
• Mulethi	<i>Glycyrrhiza glabra</i> Linn.
• Mundi	<i>Sphaeranthus indicus</i> Linn.
• Murmakki	<i>Commiphora myrrha</i> (Nees) Engl.
• Musli Siyah	<i>Curculigo orchioides</i> Gaertn.
• Musli Sufaid	<i>Chlorophytum arundinaceum</i> Bak.
• Nana	<i>Mentha arvensis</i> Linn.
• Narkachoor	<i>Zingiber zerumbet</i> Rosc ex Smith
• Neem	<i>Azadirachta indica</i> A. Juss.
• Nilofer	<i>Nymphaea alba</i> Linn.
• Parsioshan	<i>Adiantum capillus-veneris</i> Linn.
• Podina	<i>Mentha arvensis</i> Linn.
• Post Bekh-e- Madar	<i>Calotropis gigantea</i> (Linn) R.Br.ex Ait.
• Pumbadana	<i>Gosypium herbacum</i> Linn.
• Rasaut	<i>Berberis aristata</i> DC.
• Rewand Chini	<i>Rheum officinale</i> Baill.
• SaadKoofi	<i>Cyperus rotundus</i> Linn.
• Salab	<i>Orchis latifolia</i> Linn.
• Sanna Makki	<i>Cassia angustifolia</i> Vahl
• Sarphokha	<i>Tephrosia purpurea</i> (Linn.) Pers.
• Shahtara	<i>Fumaria indica</i> Pugsley
• Shalgham	<i>Brassica rapa</i> Linn.
• Shitraj	<i>Plumbago zeylanica</i> Linn.
• Sudab	<i>Ruta graveolens</i> Linn.
• Suranjan Shireen	<i>Colchicum luteum</i> Bak.
• Sipistaan	<i>Cordia latifolia</i>
• Tirphala	<i>Embilica officinalis</i> , <i>Terminalia chebula</i> , <i>Terminalia beleria</i>
• Tuhkme Khatmi	<i>Althaea officinalis</i>
• Talmakhana	<i>Asteracantha auriculata</i> Nees.
• Tamar Hindi	<i>Tamarindus indica</i> Linn.
• Tukhm-e-Kasni	<i>Cichorium intybus</i> Linn.
• Tukhm-e-Kasoos	<i>Cuscuta reflexa</i> Roxb.
• Tulsi	<i>Ocimum sanctum</i> Linn.
• Turbud	<i>Operculina turpethum</i> (Linn.) S. Manso
• Ustukhuddus	<i>Lavandula stoechas</i> Linn.
• Zanjabeel	<i>Zingiber officinale</i> Roscoe
• Zaranbad	<i>Curcuma zedoaria</i> (Christm.) Rosc.
• Zarawand indica	<i>Aristolochia indica</i> Linn.
• Zoofa	<i>Hyssopus officinalis</i> Linn.

Compound Unani Drugs

- *Araq-e-Badiyan*
- *Araq-e-Gaozaban*
- *Araq-e-Gulab*
- *Araq-e-Kasni*
- *Araq-e-Mako*
- *Araq-e-Mundi*

- *Araq-e-Nana*
- *Araq e Zeera*
- *Habb-e-Dabba Atfal*
- *Habb-e-Hilteet*
- *Habb-e-Kabid Naushadri*
- *Habb-e-Kibreteet*
- *Habb-e-Mudir*
- *Habbe-e-Papita (Desi)*
- *Habb-e-Rasnt*
- *Habb-e-Shifa*
- *Habb e rewand*
- *Habb e zaranbad*
- *Habb e Gule Aakh*
- *Habb-e-Suranjan*
- *Itrifal-e-Kishneezi*
- *Itrifal Mundi*
- *Itrifal-e-Mulaiyin*
- *Itrifal-e-Ustukhuddus*
- *Itrifal-e-Zamani*
- *Jawarish-e-Amla Sada*
- *Jawarish-e-Kamooni*
- *Jawarish-e-Zanjabeel*
- *Joshand e Munzije balgham*
- *Joshand e Sauda*
- *Joshand e Safra*
- *Joshand e Musaffi*
- *Joshand e Mudir Haiz*
- *Joshand e Zeequn Nafs*
- *Joshand e Mushil*
- *Khamira-e-Gaozaban Sada*
- *Khamira-e-Sandal Sada*
- *Kushta-e-Faulad*
- *Kushta-e-Gaodanti*
- *Kushta-e-Hajr-ul-Yahud*
- *Laaq e Sapistan*
- *Laaq e Kataan*
- *Majoon-e-Dabeed-ul-Ward*
- *Majoon-e-Falasifa*
- *Majoon-e-Najah*
- *Majoon-e Ushba*
- *Majoon-e Halela*
- *Majoon-e Mocharas*
- *Majoon-e Suparipak*
- *Majoon-e-Seer Alwi Khani*
- *Majoon-e-Suranjan*
- *Marham e Dakhliyon*
- *Marham e Kafoor*
- *Marham e Raal*

- *Marham e Safeid*
- *Nuqoo Nazla*
- *Qurs Alkali*
- *Qurs deedan*
- *Qurs Jiryaan*
- *Qurs Kushtae Faulaad*
- *Qurs Kushtae Sadaf*
- *Qurs Mulayyan*
- *Qurs Muhazzil*
- *Qurs Zarishk*
- *Qurs Zibatees sada*
- *Qurs Zibatees khas*
- *Raughan-e-Babuna Sada*
- *Raughan-e-Banafsha*
- *Raughan-e-Bedanjeer*
- *Raughan-e- Gul*
- *Raughan-e- Hindi*
- *Raughan-e- Haft barg*
- *Raughan-e- Kamela*
- *Raughan-e- Neem*
- *Sharbat-e-Anjabar*
- *Sharbat-e Aalobalu*
- *Sharbat-e Bazoori*
- *Sharbat-e Unnab*
- *Sharbat-e Zanjabeel*
- *Sharbat-e-Banafsha*
- *Sharbat-e-Deenar*
- *Sharbat-e-Ejaz*
- *Sharbat-e-Sadar*
- *Sikanjabeen Buzoori Motadil*
- *Sufoof-e-Chutki*
- *Sufoof-e-Namak-e-Shaikh-ur-Raees*
- *Sufoof-e-Bars*
- *Sufoof-e-Beejband Khas*
- *Sufoof-e-Dawae Pechish*
- *Sufoof-e-Mullian*
- *Sufoof-e-Sailaan*
- *Tiryaaq-e-Arba*
- *Tiryaaq-e-Nazla*
- *Banadiq-ul-Buzoor*
- *Dawa-ul-Kurkum*
- *Dayaqooza*
- *Habb-e-Azaraqi*
- *Habb-e Bawaseer*
- *Habb-e Kabid naushadri*
- *Habb-e Muqil*
- *Habb-e Musaffi khoon*
- *Habb-e Rasout*

- *Habb-e Shifa*
- *Habb-e Tinkar*
- *Habb-e-Bohat-us-Saut Haad*
- *Habb-e-Ghafis*
- *Habb-e-Hindi Mohallil*
- *Habb-e-Hindi Sual*
- *Habb-e-Hindi Zeeqi*
- *Habb-e-Iyarij*
- *Habb-e-Momyaee Sada*
- *Habb-e-Muqil*
- *Itrifal-e-Deedan*
- *Jawarish-e-Barshasa*
- *Jawarish-e-Kundur*
- *Jawarish-e-Pudina*
- *Khamira-e-Banafsha*
- *Zimad-e-Sumbul-ut-teeb*
- *Zimad-e-Tehal*
- *Zimad-e-Waram-e-Pistan*
- *Zimad-e-Waram-e-Unsayain Muzmin*
- *Zimad-e-Muhasa*
- *Zimad-e-Massa*
- *Zimad-e-Nana*
- *Zuroor-e-Qula Abyaz*
- *Zuroor zaj*

G. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

G.1 Surgical

S. no.	Surgical Consumables
1.	Bandage rolled
2.	caps & mask
3.	Catgut Chromic a)1 No., 2 No., 1-0 No, 2-0 N0, 8-0
4.	Clinical thermometer
5.	Developer
6.	Draw sheets
7.	ECG Paper Roll
8.	Ether Anesthetic 500ml
9.	Fixer
10.	Gown
11.	Halothane
12.	HIV Kits if necessary
13.	Hypodermic Needle (Pkt of 10 needle) No.19, 20, 21, 22, 23, 24, 25, 26
14.	Indicator tape for sterilization by pressure autoclave

15.	Isopropyl Alcohol swab
16.	IV Cannula
17.	Leg drape
18.	Mackintosh
19.	Mask
20.	Non Sterile Surgical rubber gloves
21.	Plastic aprons
22.	Prolene
23.	Rubber Mackintosh Sheet in meter
24.	Scalp vein sets no a)19, 20, 21, 22, 23, 24, 25, 26
25.	Shaving blade -packet of 5
26.	Small and large plastic bottle for keeping his to histo-pathological samples
27.	Sterile sheets
28.	Sterile disposable syringes
29.	Sterile Dressing pads
30.	Sterile Infusion sets(Plastic)
31.	Sterile Surgical rubber gloves
32.	Surgical Disposable
33.	Surgical Gloves a)6", 6.1/2", 7", 7.5"
34.	Surgical marking pens/permanent marker ink pen
35.	Sutupak 1,1/0,2,2/0
36.	Syringes 2ml,5ml,10ml, 20ml
37.	Tongue depressor
38.	Ultrasound scan film
39.	Unani Oral Rehydration powder
40.	Vicryl No.1
41.	X Ray film 50 film packet(in Pkt) size, 6.1/2x8.1/2", 8"x10", 10"x12', 12"x15"

G.2 Dressing Material

S. no	Dressing Material
1.	Absorbent cotton I.P 500gm Net
2.	Adhesive plaster 7.5cm x 5mtr
3.	Adhesive tape
4.	Antiseptic cream
5.	Antiseptic solution
6.	Bandage cloth(100cmx20mm)
7.	Bandages
8.	Pad and Rolls
9.	Marham Hinna
10.	Marham Gulabi
11.	Rolled Bandage a)6cm,10cm,15cm
12.	Sterile & non sterile Gloves of different sizes

13.	Sterile cotton, gamjee pads, gauze pieces
14.	Surgical Gauze (50cmx18m)
15.	Suture removal

G.3 Disinfectants: As applicable in adequate quantity

S. no	Disinfectants
1.	Hypochlorite 4%-6%
2.	Ortho-phthalaldehyde (OPA)
3.	70% ethanol plus 10ppm Bitrex
4.	Formaldehyde solutions (1%-2%)
5.	Glutaraldehyde
6.	Hydrogen peroxide
7.	Quaternary ammonium compounds
8.	Phenolic germicides

G.4 Tubing

S. no	Tubing
1.	Connecting tubing's for endotracheal suction
2.	Connecting tubing's for oxygen delivery
3.	Oxygen catheters
4.	Oxygen masks
5.	Suction catheters
6.	Foley catheters

G.5 Linen

Sn	Linen	Clinic	1 to 50 beds	51 to 100 beds	101 to 200 beds	201 and above beds
	Abdominal sheets for OT	-	30	30	30	30
	Abdominal sheets for OT	-	6	10	25	25
	Apron for cook	-	As per requirement			
	Bed sheets	-	200	300	400	500
	Bed spreads	-	300	400	400	500
	Blankets	-	one per bed	one per bed	one per bed	one per bed
	Curtain cloth windows and doors	As per requirement				
	Doctor's overcoat	one per doctor <i>per year</i>				

	Draw sheet for wards & OT	Two per bed
	Hospital worker OT coat	one per worker <i>per year</i>
	Leggings	as per patient load
	Mackintosh sheet (in meters)	one per bed
	Mats (Nylon)	one per bed
	Mattress (foam) adults	one per bed
	Paediatric Mattress	one per bed
	Patient house coat (for female)	Two per bed
	Patients pajama (for male) shirts	Two per bed
	towels	Two per bed
	Perineal sheets for OT	as per patient load
	Pillow covers	Two per bed
	Pillows	Two per bed
	Table cloth	adequate quantity
	Uniform / Apron	As per requirement

G.6 Stationery

Sn	Item
1.	Consents Forms
2.	Continuation Sheets for IPD
3.	Continuation sheets for OPD
4.	Death Certificate Books
5.	Birth certificate book
6.	Diet Cards
7.	Diet Sheets
8.	Discharge cards
9.	Gynecological and Obst. Case sheets
10.	ANC Cards/book lets
11.	Immunization / Vaccination cards
12.	Indoor Admission Form & Case Sheets
13.	Intake Output Charts
14.	Medical Case Sheets
15.	Medico-Legal Forms
16.	Nursing Monitoring Forms
17.	OPD Forms
18.	Pathological Books

19.	Requisition forms for investigations
20.	Registers
21.	Registration Card
22.	Sentinel Event Form
23.	Supplementary Sheets
24.	Surgical Case Sheets
25.	Temperature and BP Charts
26.	Treatment Cards
27.	White Papers
28.	X-ray Forms

G.7 Adhesives and gels: NA

G.8 Other: NA

H. Licenses

This includes the minimum statutory compliance applicable as per the central or state government along with licensing body.

Sr. no.	Name of the Act	Department/Area	Licensing body
1.	Registration under Shops and Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
2.	Registration under Clinical Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
3.	AERB clearances for CT/ MRI/ X ray & Radiation	Imaging	Atomic Energy Regulatory Board
4.	Agreement for Common Biomedical Waste Collection, Transportation, Treatment, Storage and Disposal Facility	Organization	Local Pollution Control Board
5.	Registration under Air (prevention and control of pollution) Act, 1981.	Organization	Local Pollution Control Board
6.	Approval of Radiation Safety Officer	Imaging	Atomic Energy Regulatory Board

7.	Boiler license under Indian Boiler Act, 1923	Boiler	Concerned regulatory Body
8.	Building Permit (From the Municipality).	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
9.	Certificate for Narcotics & Psychotropic Substances	Pharmacy and / Hospital	Drug Controller
10.	Certificate of Registration under society act 1860	Organization	Registrar of societies/ Charity Commissioners office
11.	Certificate u/s 80-G of IT Act	Organization	If applicable.
12.	Class clearance certificate issued to manufacturer/ importer of mobile X ray equipment	Imaging	AERB Class Clearance issued to Manufacturer/ dealer of imaging equipment
13.	Commissioning approval of Linear Accelerator	Radiation Therapy	AERB
14.	ESIS registration in case of >20 employees	Organization	Employee State Insurance Company
15.	Excise permit to store Spirit.	Organization	Excise department
16.	Generator Exhaust air Quality Report	Generator	Authorized Air Testing Laboratory
17.	License to sale or distribute drugs Form 20, 21, 21C	Pharmacy	FDA
18.	License for lift	Lift	Mobile Electric Vehicles Department
19.	License to play music for public use	Organization	Indian
20.	No objection certificate from the Chief Fire Officer.	Organization	Fire Department
21.	Obtaining clearances for weighing equipments in all the hospital units under The Standards of Weights and	Weights and measures	Department of Weights and Measures

	Measures Act, 1976.		
22.	Occupation Certificate	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
23.	PC PNDT Act, 1996.	Sonography	Health Department of Regulatory Body assigned with the responsibility
24.	Registration of births and deaths Act, 1969.	Organization	Health Department of Regulatory Body assigned with the responsibility
25.	SMPV License for Storage of Liquid Oxygen, Form III (License to compressed gas in pressure vessel or vessels)	Medical Gases in Pressurized Vessels	Licensing Authority
26.	TAN Number	Organization	Income Tax Department
27.	PAN Number	Organization	Income Tax Department
28.	Vehicle Registration certificates for Ambulance	Ambulance and Vehicles owned by the organization	Road Traffic Authority
29.	Water Prevention and control of pollution Act	Organization	Pollution Control Board

I. Basic Processes

I.1 Registration (This will help in developing a database at State / Central level).

1. Name,
2. Age,
3. Gender ,
4. *Socioeconomic status*
5. Address with PIN code,
6. Marital Status,
7. Contact Number,
8. Type of Diet (Veg, Non-veg),

9. *CR/OP/ IP Number,*
10. Date & Time of visit for OP/ admission for IP,
11. *Diagnosis*
12. Name of Treating Doctor

I.2 Assessment

1. Primary Complaint of the patient:
2. History of Primary Complaint:
3. History of Medication:
4. History of Implants/ Pacemaker/ Surgery:
5. Past History
6. History of allergies
7. Diet and Lifestyle History
8. Family History
9. Personal History
10. General Examination
11. Systemic Examination
12. Physical Examination
13. Pain Scoring
14. Nutritional Assessment
15. Mizaj assessment
16. Diagnosis Provisional / Final
17. Preventive Aspects
18. Plan of Care
19. Treatment

I.3 Infection Control

1. Cleaning: to be done with defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
2. Disinfectants: Defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.

3. Advisable to have designated Infection Control Officer for hospital more than 50 beds.
4. Advisable to have designated Infection Control Committee for hospital more than 50 beds.
5. Infection control activities should be monitoring by define method & schedule.

I.4 Safety considerations

(Surgical safety, infection control, biomedical waste, first aid & basic life support, disaster preparedness)

1. Following physical safety aspects shall be taken care in the hospital

1. AERB safety rules shall be followed in Radiology and other radiation areas.
2. All areas where a physical hazards may occur, like near DG set, transformer, Cylinder storage, electric panels, steep slope etc. shall be provided with safety signage and safety instructions
3. All balconies and opening on higher floors shall have grills
4. All bottles containing acids or alkalis shall be stored on cupboards at height below the shoulder level to prevent them from falling while taking out. It shall never be stored on height above the head level
5. All electric panels shall be enclosed in insulated and nonflammable box and shall be kept locked
6. All entry doors, windows and furniture shall be maintained in good maintained condition
7. All equipments, furniture awaiting condemnation shall be stored in separate condemnation area
8. All stretchers and wheelchairs shall have safety belts for fastening the patient
9. Anti-skid mats shall be placed on entrance of bathrooms
10. Boundary wall of the hospital's campus shall be of sufficient height with metal fencing on top. Entire boundary wall shall be kept in intact condition
11. Corridors and passages shall not be blocked by chairs, tables or equipments
12. Displays of 'floor is wet' or 'under repair' or similar precautions in required areas and time shall be available with the hospital
13. Doors height shall be at least of 8 feet
14. Electric rooms shall not be used as store room or for any other purpose
15. Emergency exit routes shall be kept clear all the times

16. Hospitals ground shall be properly maintained. There shall be no openings, or pits in the ground. The surfaces shall be kept even
17. Lab shall be provided with safety equipments like eye wash cups
18. Material safety data sheet shall be available for all hazardous materials
19. No door shall open towards public areas like crowded lobby etc. (the door shall preferably open towards the inside of room)
20. No inflammable materials like, diesel, LPG, acids etc. shall be stored near electrical panel
21. Personal protective gears shall be available everywhere and in adequate quantity. These include gears like, gloves, masks, gowns, boots, caps, goggles etc. Earplugs shall be provided to staff in areas where there is continuous noise, like AC plant.
22. Protection from stray dogs and other animals shall be ensured in the hospital campus
23. Rubber matting shall be placed on the floors below electric panels
24. Seepage shall not be allowed in areas where electric panels or wires are present
25. Terrace should have side walls of at least 4 feet height
26. The beds shall have provision for providing side guardrails.
27. There should be no losing of electrical wiring. All electrical wiring shall be concealed and kept intact

2. Surgical safety

1. There are two independent identifiers for each patient. Name of patient with some other independent identifier.
2. Identification bands for patients should be considered in cases where patient cannot be relied upon to give correct information on his own identity. E.g. pediatric, disoriented, altered consciousness, etc.
3. Use of surgical safety check list based on WHO Criteria is used consistently for each procedure and surgical intervention. The Checklist should divide the operation into three phases, each corresponding to a specific time period in the normal flow of a procedure
 - a. the period before induction of anesthesia,
 - b. the period after induction and before surgical incision
 - c. The period during or immediately after wound closure but before removing the patient from the operating room.
4. In each phase the checklist task must be completed before proceeding forward.

3. Infection control:

1. Biological safety assessment is done for all areas of patient care and risks defined for the same.
 - a. Needle Stick Injury and related Transmissions
 - b. Patient to staff, patient to patient and staff to patient risk of transmission of diseases is addressed and preventive measures are instituted.
 - c. Procedure site and surgical site infections are monitored.
2. Preventive measures and remedies for correction are kept available wherever such risk exists.
3. Hand washing practices as per WHO recommended criteria are followed and monitored regularly.
4. Facility and consumables for hand washing are available at convenient locations in the healthcare facility.
5. Adequate equipment and disposables related to personal safety for infection transmission are available to staff and patients in the organization. E.g. equipment like fogging machine, UV sterilizers, Insect Killer Machines and consumables such as Gloves, hand washing materials/ hand gels, surgical Masks, N95 Masks, industrial gloves, etc.

4. Biomedical waste:

1. Biomedical waste is collected, segregated, packed, transported and disposed according to the regulatory guidelines.
2. Biological Waste Management is monitored on regular basis.
3. Biomedical waste disposal is a part of infection control activities.

5. First aid & basic life support

1. At all times there is a staff member who is adequately qualified and is trained in giving at least Basic Life Support System.
2. Adequate qualifications will include qualified nurse or doctor from any specialization who has undergone training on Basic Life Support.
3. There will be a full resuscitation set maintained for use exclusively during such events, irrespective of existence of similar equipment anywhere else in the hospital.

6. Disaster preparedness: Mandatory for all hospitals of all sizes.

1. Healthcare organization must identify various possible disasters and prepare for the same by stocking necessary consumables, training adequate staff and conducting drills regularly.
2. Keeping equipment in a state of readiness for use during such events.

3. Separate stock is maintained as per the risk perceived for the anticipated disorder(s).
4. Keeping a back-up of consumables at all times in usable condition for use during disaster.
5. Personnel are trained for disaster management
6. Disaster drills are carried out at least once in six months for various disaster anticipated.
7. Anticipated list of disasters can include and is not restricted to any of:
 - a. Fire
 - b. Terrorist attack
 - c. Invasion of swarms of insects and pests.
 - d. Earthquake.
 - e. Civil disorders effecting the Organization.
 - f. Sudden failure of supply of electricity. (Disaster)

I.5 Clinical Records (including consents)

Sr. no	Records
1.	OPD/ IPD Records
2.	Treatment Orders
3.	Medication Records
4.	Procedure Records
5.	Nursing Monitoring Records
6.	Nursing Treatment Records
7.	Reports of investigations
8.	Consents: General Consent at admission, Procedure consents

I.6 Discharge

1. Discharge Summary should have following details:
 - a. Primary data of Name, Gender, Age, Address with PIN code, Marital Status, Contact Number, Type of Diet (Veg, Non-veg), CR/OP/ IP Number, Date of visit for OP/ admission for IP, Treating Doctor
 - b. Primary Complaint of the patient
 - c. History of Primary Complaint:
 - d. History of allergies
 - e. Salient Examination Findings

- f. Investigations carried out
- g. Pain Relief Advice
- h. Nutritional Advice
- i. Diagnosis – Final
- j. Preventive Aspects
- k. Treatment Given
- l. Details of procedures performed
- m. Treatment advised
- n. Contact number in case of emergency

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
SIDDHA**

MINIMUM STANDARDS FOR SIDDHA CLINICAL ESTABLISHMENTS

Categories of Clinical Establishments

I. Clinic

II. Dispensary

III. Therapy Centre

IV. Hospital

i. Minimum 10 Beds

ii. 11 to 25 Beds

iii. 26 to 50 Beds

iv. 51 to 100 Beds

V. Teaching Hospital

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In pursuance of notification of Clinical Establishments (Registration and Regulation) Act, 2010 on 28th February 2012, National Council for Clinical Establishments has been constituted and notified on 20th March 2012. One of the mandate for the council is to develop minimum standards of clinical establishments for achieving the objectives of the act.

Defining minimum standards for different types of clinical establishments would facilitate implementation of Clinical Establishments, Act 2010. The registration and regulation of clinical establishments will ensure the delivery of assured quality in health services. The enforcement of regulation measure for clinical establishments raises the level of confidence and faith in Siddha Medicine. There has been misleading advertisements by fake establishments which needs to be curbed by introducing the transparent system of control over them. It would also help other related service agencies like health Insurance and CGHS for empanelment and enlisting their service through them.

The standards thus framed will provide clear, unambiguous minimum requirement for different category of clinical establishments. There are no exclusions. They are dependent on the basic functions of the clinic/hospital/provider. All sections mentioned are Yes and include both structure and basic processes.

A.1.1. Aim

To develop minimum standards for clinical establishments of Siddha Medicine for Clinics, Dispensaries, Therapy Centres, Hospitals and Teaching Hospitals

A.1.2. Methodology

Department of AYUSH letter vide F.No.Z.25023/12/2013-DCC (AYUSH) dated 10-10-13 has directed to develop a draft standard for each category of AYUSH establishments. Accordingly, a meeting was convened with participation of all faculty members to appraise the background and need for preparing minimum standards.

Director has apprised about the notification issued for registration of clinical establishments and need for development of minimum standards of clinical establishments of various categories. Then, the survey report of Indian Medical Association has been examined through LCD projector to understand the prevailing standards of clinical establishments. The draft minimum standard of clinical establishments sent by Department of AYUSH was also examined to learn about the template and structure of the guidelines. The faculty members were sensitized regarding the process of clinical establishments of Siddha Medicines.

A.1.3. Formation of Core Committee

1. A core committee comprising 3 to 4 members for various sections of the report were formed. The identified sections were Introduction, Functions, Physical facilities, Equipments, Manpower, Drugs, Consumables, Licences, Basic Process and Bibliography. A member was given the responsibility of co-ordinating with all committee members
2. All the committee were given the copy of draft minimum standards prepared for Ayurveda and IMA report and directed to study the report for understanding the template and contents of report

3. After 2 days, the committee for “Introduction” section presented their views on different categories of Clinical establishments. After the deliberation and decided to list – Clinic, Minimum 10 Beds, 11-25, 26-50, 51-100, 101-200 > 200 and above considering the NABH.
4. The committee meant for “Functions” was asked to prepare the section B-Function within a week time and present in the next meeting considering the different categories of clinical establishments
5. The committee meant for “Functions” presented their report on B.1. Core functions (Clinical services) for OPD and IPD followed by Auxiliary functions
6. All the faculty members deliberated in detail about the identified speciality areas under ‘B.1.Core Functions’ referring speciality education (Doctor of Medicine / Post Graduate Diploma) courses offered under CCIM regulations
7. With inputs from faculty members, the core functions were modified and a copy of draft was given to all members. All the committee members were directed to refer the functions and prepare the standards for each sections assigned to them for submission after a week time.
8. Then, a meeting held to deliberate on the draft report prepared by the respective committee. Each committee has presented their sections and discussed

A.1.4. Meeting in Department of AYUSH

1. Finally the draft report has been compiled and presented at the meeting convened by Dr.D.C.Katoch, Convenor on 13-11-2013 in Department of AYUSH
2. The outcome of the meeting was, categorisation of clinical establishments
 - 1) Unambiguous understanding and intent for development of standards
 - 2) Categorisation of Hospitals
 - 3) Conceptualisation of different sections of minimum standards
3. In the light of outcome of the meeting in Department of AYUSH, a draft standard prepared
4. Review comments obtained from selected private Siddha practitioners

A letter vide No.K.25023/12/2013-DCC (AYUSH) dated 7-2-2014 from Department of AYUSH conveyed the classification of AYUSH Clinical Establishments with approval of Secretary (AYUSH) and directed to revise the standards of AYUSH clinical establishments. Then a meeting of selected faculty members under the Chairmanship of Director conducted on 13-2-2014 for preparing the documents.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable (For example common minimum standards framed for a Dispensary are applicable to a Dispensary only and not to a single speciality hospital).

CLINICS

DISPENSARIES

THERAPY CENTRES

B.1. Definition:

Clinic

Outdoor care facility managed by a single Siddha medical practitioner or a group of Siddha practitioners with or without a day care facility. No overnight stay or care is provided here. Care is provided by Siddha Medical Practitioner or a group of Siddha practitioners qualified in the concerned system of medicine having graduate or postgraduate qualifications

Dispensary

Outdoor care facility managed by a single Siddha medical practitioner or a group of Siddha practitioners with or without a day care facility along with dispensing unit. No overnight stay or care is provided here. Care is provided by Siddha Medical Practitioner or a group of Siddha practitioners qualified in the concerned system of medicine having graduate or postgraduate qualifications

Therapy Centre

Outdoor care facility managed by a single Siddha medical practitioner or a group of Siddha practitioners with day care facility providing at least any one of the 32 external therapies” or special therapies like *Varmam*, *Yogam*, Purgation, therapeutic emesis etc. Care is provided by Siddha Medical Practitioner or a group of Siddha practitioners qualified in the concerned system of medicine having graduate or postgraduate qualifications

B.2. Functions

Clinical Services	Clinic	Dispensary	Therapy Centre
General Siddha Care	Yes	Yes	Yes
32 External therapies@ / Special Therapies \$	Optional	Optional	Yes (At least any one of the procedure/therapy)
Dispensing medicines	Optional	Yes	Optional

@ 32 External Therapies

Sn	Name of the external therapy Procedure (Pura Marunthukal)	Description
1.	Dressing and Bandaging (Kattu)	The application of medicine made of botanicals, inorganic substances etc. to the affected area and bandaging it.
2.	Poultice (Patru)	Is a soft moist mass, usually made of herbals, which is applied in skin disease as emollient, anti-microbial and anti-allergic.
3	Fomentation (Õttradam)	Application of hot or cold packs topically.
4.	Painting (Poochu)	Application of liquid formulation locally.
5	Steam inhalation (Vethu)	1. A steam inhalation and steam application to either localized regions or the whole body. 2. Vapour inhalation. – Vapour bath / Steam bath.
6.	Medicated pouches (Pottanam)	Induction of perspiration by applying heat using heated packs of herbal powder.
7	Massage manipulation therapy (Thokkanam)	Special therapy consisting of 9 types of manipulation techniques such as pressing, pulling, moving, griping, and striking with fist with or without applying oil in the treatment especially of vatha diseases.
8	Fumigation (Pukai)	Artificial impregnation of the atmosphere, with the fumes or the smoke of any vegetable or aromatic substance, which is also used in inhalation therapy.
9	Ophthalmic applications (Mai)	A method of applying drugs onto the mucous membrane of one or both eyes. The medication may be in the form of drops directly instilled in the eye or paste form applied in the inner margin of the lower eyelid.
10	Powder smearing (Podi thimiral)	Rubbing of the whole body with some medicinal substances.
11	Eye salve (Kalikkam)	Applying eye drops obtained by dissolving medicated pills in honey, breast milk, plant juice etc.
12	Nasal instillation (Naciyam)	A process by which the drug is administered through the nostrils.
13	Blowing (Oothal)	The physician chewing the medicated substance and blowing the aroma into the ears or nose of the patient.
14	Medicated snuff (Akkiranam)	Inhaling medicated substances in powder form.
15	Ointment (Kalimbu)	A viscous semisolid preparation used topically.
16	Medicated gauze/Plaster (Seelai)	i) Is a adjunct used for application to a wound in order to promote healing.

		ii) A external covering used in the preparation of medicine.
17.	Medical water for wash (Neer)	Raw drugs are soaked in water or made into decoction to concentrate or powerfully potent substances are greatly diluted and used to wash wounds usually used as anti-septics.- Medicated water for wash.
18.	Medicated Wick (Vartthi)	Prepared by soaking the ribbon gauze in herbal juices/ decoctions/ substances that are ground well with herbals juices/decoctions.
19.	Cauterization (Suttigai)	Burning of the tissues to remove or close a part of it. Usually used to stop heavy bleeding.
20	Probe (Salagai)	The instrument used for probing. The probe has three faces and made of copper. It should be of 10cms in length and 60 grams in weight.
21	Ointment/Cream (Pacai)	A semi-solid lipid or resin/gum based applications.
22	Poultice (Kali)	Medicinal materials are mixed with rice flour or flour of any cereals or pulses and cooked.
23	Dusting powder (Podi)	Dry fine powder of herbs or inorganic substances used externally.
24.	Therapeutic fracture manipulation (Murichal)	Physical manipulation by which dislocated joints and malunited fractured bones are brought to their normal position by means of either simple reduction or breaking of malunited fractured bones, as it may require.
25.	Incision (Keeral)	A surgical procedure to remove accumulated pus, blood etc.
26	Caustic ablation (Karam)	Application of drugs to are to be excised or to chronic ulcers, wherein unwanted growth, slough and debris are removed and healing process in initiated. Application of caustic substances.
27	Leech application (Attai Vidal)	A procedure used to remove toxin from blood using leeches.
28.	Surgical procedures (Aruvai Chikichai)	A set of procedures includes incision, excision, scrapping, puncturing, probing, extraction, letting out of fluid etc.
29	Bone setting with bamboo splints (Kombu Kattal)	A procedure for immobilising the fractured bone using splints and bandages.
30.	Suction/ Aspiration (Urinjal)	Oral Suction of the accumulated fluids/pus/blood from abscess/ulcers by using instruments.
31	Blood letting (Kuruthi Vankal)	A procedure used to remove toxins from blood by blood letting.
32	Enema (Peechu)	Enema using medicated water or medicated oil to evacuate the bowels.

\$ Special Treatment

1. *Muthiyor maruthuvam* (Geriatric Care)
2. *Kuzhanthai Maruthuvam* (Paedatric Care)
3. *Moola Noigal* (Ano-rectal disease)
4. *Thottra Noigal* (NCD Care)
5. *Mano Noi* (Psychiatric disease)
6. *Narambu Noigal* (Neurological disorders)
7. *Enbu & Poruthu Noigal* (Rhematology & Orthopaedics)
8. *Thol Noigal* (Dermatology)
9. *Kan Noigal* (Ophthalmology)
10. *Aruvai Maruthuvam* (Surgery)
11. *Sool & Mahalir Maruthuvam* (O & G)
12. *Putru Noi* (Cancer therapy)
13. *Ootachathu Noigal* (Nutritional disorders)\

B.3. Physical Facilities

B.3.1. Space Requirement	Clinic	Dispensary	Therapy Centre
Area	80 sq ft	100 sq ft.	200 sq ft.
Rest room	Optional	Yes	Yes
B.3.2. Furniture			
Consultation Table	Yes	Yes	Yes
Consultation Chair	Yes	Yes	Yes
Stools / Chairs	Yes	Yes	Yes
Examination Table / Bed (6 x 2.5 ft)	Yes	Yes	Yes
Privacy Screen Around Examination Area	Yes	Yes	Yes
B.3.3. Equipments / Instruments			
BP Appratus	Yes	Yes	Yes
Stethoscope	Yes	Yes	Yes
Knee Hammer	Yes	Yes	Yes
Tongue Depressor	Yes	Yes	Yes
Torch light	Yes	Yes	Yes
Clinical Thermometer	Yes	Yes	Yes
Wash Bason with Stand	Yes	Yes	Yes
Measuring tape	Yes	Yes	Yes
Surgical Cotton & Gauze	Yes	Yes	Yes
Neikkuri apparatus	Yes	Yes	Yes
Weighing machine	Yes	Yes	Yes
Name Display Board (Doctor Name, Qualification and Centre Name)	Yes	Yes	Yes
B.3.4. Engineering Services (Electrical & Plumbing)			
Electrical – light facility	2	4	4
Electrical – points for use	1	3	3

Wash Basin	Optional	1	2
Fire & Safety measures	Optional	Optional	Yes

B.4.Manpower

Manpower	Clinic	Dispensary	Therapy Centre
Institutionally Qualified Siddha Physician	Yes	Yes	Yes
Pharmacist (D.Pharm -Siddha /Diploma in Integrated Pharmacy / or Equivalent)	Optional	Yes*	Optional
AYUSH trained Multi Purpose Health Worker (MPHW)	Optional	Optional	Yes*
Others (House keeping & Security)	Optional	Optional	Optional

** At least one per 100 out patients.*

B.5. Essential Documents / Records :

Records	Clinic	Dispensary	Therapy Centre
OPD Nominal Register	Yes	Yes	Yes
OPD Card / Book / Prescription Slip	Yes	Yes	Yes
Inventory Register (Furniture & Instruments)	Yes	Yes	Yes
Stock Register (Main and / or Substore medicines)	Optional	Yes	Optional
Pharmaco-vigilance Record	Optional	Optional	Optional
Notifiable disease Register	Yes	Yes	Yes
Medical Certificate File / Forms	Yes	Yes	Yes

B.6. Drugs

	Clinic	Dispensary	Therapy Centre
Essential Drugs ++	Optional	Yes	Optional

++ As per Department of AYUSH notification – Essential Drug list, March 2013

B.7. Miscellaneous

Display of Medical Registration Certificate	Yes	Yes	Yes
Potable Drinking water	Yes	Yes	Yes
Display of Clinical Establishment Registration	Yes	Yes	Yes

HOSPITAL

C.1. Scope :

Bed Strength	Scope of Services
Minimum 10 beds	Health Care facility with minimum 10 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Siddha Medical Practitioner or a group of Siddha practitioners qualified in the concerned system of medicine having graduate or preferably postgraduate qualifications
11 to 25 Beds	Health Care facility with 11 to 25 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by a group of Siddha practitioners qualified in the concerned system of medicine having graduate or preferably postgraduate qualifications
26 to 50 Beds	Health Care facility with 26 to 50 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by a group of Siddha practitioners qualified in the concerned system of medicine having graduate or preferably postgraduate qualifications
51 to 100 Beds	Health Care facility with 51 to 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by a group of Siddha practitioners qualified in the concerned system of medicine having graduate or preferably postgraduate qualifications
101 and above	Health Care facility with 101 beds and above for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by a group of Siddha practitioners qualified in the concerned system of medicine having graduate or preferably postgraduate qualifications

D. FUNCTIONS

D.1 Core functions (Hospital)

This section includes the basic services provided by Hospital. It is subdivided into two parts

1. Out-patients facilities – OPD with attached hospitals

2. In-patients facilities – IPD

(A UG / PG (any specialty) Siddha Doctor is enough to provide the clinical service)

1. Out-patient facilities – OPD with attached hospitals

(Out-patient facilities of health care organizations with Minimum 10 beds, 11 to 30, 31 to 50, 51 to 100, 101 and above bed strengths categories of clinical establishments).

S. No.	Services	Minimum 10 beds	In 11 to 25 beds	26 to 50 beds	51 to 100	101 and above
1.	General Siddha Medical Care	Yes	Yes	Yes	Yes	Yes
2.	Aruvai Maruthuvam	Optional	Optional	Optional	Optional	Optional
3.	Kann Maruthuvam	Optional	Optional	Optional	Optional	Optional
4.	Karuvakka Maruthuvam	Optional	Optional	Optional	Yes	Yes
5.	Kathu Mookku Thondai Maruthuvam	Optional	Optional	Optional	Optional	Optional
6.	Kayakarpam and Yogam	Optional	Optional	Yes	Yes	Yes
7.	Kuzhantai Maruthuvam	Optional	Optional	Optional	Optional	Optional
8.	Mana Noi Maruthuvam	Optional	Optional	Optional	Optional	Optional
9.	Muthiyor Maruthuvam	Optional	Optional	Optional	Yes	Yes
10.	Nanju Maruthuvam	Optional	Optional	Optional	Optional	Optional
11.	Neerizhivu Maruthuvam	Optional	Optional	Optional	Yes	Yes
12.	Putru Noi Maruthuvam	Optional	Optional	Optional	Optional	Optional
13.	Sool and Magalir Maruthuvam (Only antenatal care and Magalir Maruthuvam)	Optional	Optional	Optional	Optional	Sool and Magalir Maruthuvam
14.	Thol Maruthuvam	Optional	Optional	Optional	Yes	Yes
15.	Vatha Noi Maruthuvam	Optional	Optional	Yes	Yes	Yes

16.	Moola Noigal	Optional	Optional	Yes	Yes	Yes
17.	Thotra Noigal	Optional	Optional	Yes	Yes	Yes
18.	Narambu Noigal	Optional	Optional	Yes	Yes	Yes
19	Enbu Poruthu Noigal	Optional	Optional	Yes	Yes	Yes
20	Ootchathu Noigal	Optional	Optional	Yes	Yes	Yes

Gnaananthriya Suththi Parikara Murai (Udal Suththi)

S. No.	Services	Minimum 10	In 11 to 25	26 to 50 beds	51 to 100	101 and above
1.	Aga Pura thilam/nei payanbadu (External Internal application of oil and ghee)	Optional	Optional	Optional	Aga Pura thilam/ nei payanbadu	Aga Pura thilam/ nei payanbadu
2	Attai vidal	Optional	Optional	Optional	Optional	Optional
3	Enbu Murivou	Optional	Optional	Optional	Optional	Optional
4	Karanool sikichai(*infrastructure requirements will apply)	Optional	Optional	Optional	Optional	Optional
5	Kazhiththal	Optional	Optional	Optional	Kazhiththa	Kazhiththal
6	Kuruthi vellipaduthal	Optional	Optional	Optional	Optional	Optional
7	Nasiyam	Optional	Optional	Optional	Optional	Optional
8	Peechu	Optional	Optional	Optional	Peechu	Peechu
9	Suttigai	Optional	Optional	Optional	Optional	Optional
10	Thalaikku ennai varppu	Optional	Optional	Optional	Yes	Yes
11	Vanthi	Optional	Optional	Optional	Vanthi	Vanthi
12	Vethu	Optional	Optional	Optiona	Vethu	Vethu
13	Thokkanam	Yes	Yes	Yes	Yes	Yes
14	Varmam	Optional	Optional	Optional	Yes	Yes

2. In-patient facilities - IPD

The inpatient department of the hospital shall have separate male and female wards and distribution of beds at the rate of 65 sq.ft. area per bed ward as under

The specialty services may be provided on call duty basis or full time basis

Clinical Services in IPD

S. No.	Services	Minimum 10 beds	In 11 to 25 beds	26 to 50 beds	51 to 100 beds	101 and above beds
1.	General Siddha Medical Care	Yes	Yes	Yes	Yes	Yes
2.	Aruvai Maruthuvam	Optional	Optional	Optional	Optional	Optional
3.	Kann Maruthuvam	Optional	Optional	Optional	Optional	Optional
4.	Karuvakka Maruthuvam	Optional	Optional	Optional	Yes	Yes
5.	Kathu Mookku Thondai Maruthuvam	Optional	Optional	Optional	Optional	Optional
6.	Kayakarpam and Yogam	Optional	Optional	Yes	Yes	Yes
7.	Kuzhanthai Maruthuvam	Optional	Optional	Optional	Optional	Optional
8.	Mana Noi Maruthuvam	Optional	Optional	Optional	Optional	Optional
9.	Muthiyor Maruthuvam	Optional	Optional	Optional	Yes	Yes
10.	Nanju Maruthuvam	Optional	Optional	Optional	Optional	Optional
11.	Neerizhivu Maruthuvam	Optional	Optional	Optional	Yes	Yes
12.	Putru Noi Maruthuvam	Optional	Optional	Optional	Optional	Optional
13.	Thol Maruthuvam	Optional	Optional	Optional	Yes	Yes
14.	Vatha Noi Maruthuvam	Optional	Optional	Yes	Yes	Yes
15.	Neerizhivu Maruthuvam	Optional	Optional	Optional	Yes	Yes
16.	Putru Noi Maruthuvam	Optional	Optional	Optional	Optional	Optional
17.	Sool and Magalir Maruthuvam (Only)	Optional	Optional	Optional	Optional	Sool and Magalir

	antenatal care and Magalir Maruthuvam)						Maruthuvam
18	Moola Noigal	Optional	Optional	Yes	Yes	Yes	Yes
19	Thotra Noigal	Optional	Optional	Yes	Yes	Yes	Yes
20	Narambu Noigal	Optional	Optional	Yes	Yes	Yes	Yes
21	Enbu Poruthu Noigal	Optional	Optional	Yes	Yes	Yes	Yes
22	Ootchathu Noigal	Optional	Optional	Yes	Yes	Yes	Yes
23	Attai vidal	Optional	Optional	Optional	Optional	Optional	Optional
24	Enbu Murivou	Optional	Optional	Optional	Optional	Optional	Optional
25	Karanool sikichai (*infrastructure requirements will apply)	Optional	Optional	Optional	Optional	Optional	Optional
26	Kazhiththal	Optional	Optional	Yes	Yes	Yes	Yes
27	Kuruthi vellipaduthal	Optional	Optional	Optional	Optional	Optional	Optional
28	Nasiyam	Optional	Optional	Optional	Optional	Optional	Optional
29	Peechu	Optional	Optional	Peechu	Peechu	Peechu	Peechu
30	Suttigai	Optional	Optional	Optional	Optional	Optional	Optional
31	Thalaikku ennai varppu	Optional	Optional	Optional	Yes	Yes	Yes
32	Vanthi	Optional	Optional	Optional	Vanthi	Vanthi	Vanthi
33	Vethu	Optional	Optional	Optional	Vethu	Vethu	Vethu
34	Thokkanam	Yes	Yes	Yes	Yes	Yes	Yes
35	Varma Maruthuvam	Optional	Optional	Optional	Yes	Yes	Yes

Puramaruthuva muraigal (External Therapeutic techniques)

Appropriate procedures may be applied on need based

E.1 Auxiliary Functions (support services for ex – diagnostic)

(Central Laboratory for clinical diagnosis and investigations)- upto 50 bed IPD Hospital, this services may be outsourced or tie up with other Institutions / Laboratories

3. There shall be a central laboratory in the hospital complex with proper infrastructure and manpower for carrying out routine, pathological, biochemical and hematological investigations on the

patients referred from outdoor and indoor departments of the hospital.

4. There shall be a central Imaging- X-Ray unit in the hospital complex with proper infrastructure and manpower for carrying out routine, imaging investigations on the patients referred from outdoor and indoor departments of the hospital.

Support Services:

1. Accounting,
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records
12. Medico legal
13. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
14. Personnel Department
15. Pharmacy/ dispensary
16. Purchase
17. Reception,
18. Security services
19. Stores
20. Waste management Housekeeping/ sanitation,

F. Physical Facilities

F.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

F.1.1 Minimum area required for establishing the facility:

Type of Health Care Organization	Requirements	
	Stand alone building	Part of another building
1 to 10 bed	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Local regulations related to building structures, occupancy, etc. will be followed.
11 to 25		
26 to 50		
51 to 100		
101 and above / Teaching Hospitals		

F.1.2 Functional space planning of the facility like reception area, waiting area etc.

1. Consultation & examination room

- a. Minimum 10ft. x 8 ft.
- b. Consultation room should be adequate to accommodate:
 - i. Doctors table, Consultation chair, Two stools/ chairs,
 - ii. Examination bed of the size 6 ft X 2.5 ft.,
 - iii. Privacy screen around examination area while having free mobility

2. Treatment rooms:

- a. Maximum 30 Treatments/Day/Treatment Room.
- b. Number of treatments will depend on type & nature of treatments.
- c. May include Puramaruthuvam treatment (External Therapy procedures) alao.

3. Yoga Demonstration and practice rooms:

- a. Yes for hospitals of size over 50 beds and above.
- b. Room should be spacious enough for practicing Yoga, Meditation etc.,

4. Pharmacy/Dispensary specs:

- a. The pharmacy should be located in an area conveniently accessible
- b. Temperature & humidity to be maintained as per the requirement of the stored medications.
- c. The size should be adequate to contain 5 percent of the total clinical visits to the OPD in one session for hospitals more than 50 beds.
- d. Pharmacy should have adequate medicine storage, compounding and dispensing facility for indoor and outdoor patients.

5. Entrance hall with reception area, enquiry counter, cash counter and record area

- a. Preferably 100 sq. ft per 25 beds

6. Waiting area in entire organization

- a. Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital

7. Kitchen area: Applicable only if food is cooked in the hospital. Providing food is Yes for hospitals of size over 100 beds.

- a. Kitchen area should be sufficient size to prepare food for inpatients as per diet advised by the physician
- b. Kitchen layout and functioning should follow the flow of materials as: Entry-> washing->cutting-> cooking->loading → To Serve
- c. Utensil washing area is separate from the cooking area.

8. Medical Stores specs:

- a. The medical store may be part of pharmacy or separate and secured.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

9. RMO Room / Quarters:

- a. Minimum 1 room with attached bathroom & WC with ceiling fan, drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.

10. Nursing station/ duty room (Nurses):

- a. One nursing station/room per minimum 25 beds.
- b. Nursing stations should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.

11. Clinical laboratory specifications:

- a. Laboratory services can be outsourced or can be optional for hospitals up to 50 beds.
- b. Laboratory services are mandatory for hospitals above 50 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided. The required area for collection and examination be atleast 150 sq.ft
- c. Separate Reporting Room for doctors should be there.

12. Radiology section:

- a. Role of imaging department should be radio-diagnosis and ultrasound along with hire facilities depending on the bed strength.
- b. The department should be located at a place which is accessible to both OPD and wards and also to operation theatre department.
- c. The size of the room should depend on the type of instrument installed.
- d. It should confirm to AERB requirements.
- e. The room should have a sub-waiting area with toilet facility and a change room facility, if required.
- f. Film developing and processing (dark room) shall be provided in the department for loading, unloading, developing and processing of X-ray films.
- g. Separate Reporting Room for doctors should be provided.

13. Laundry (optional)

- a. Laundry services can be outsourced or can be optional.
- b. If it is provided in house, it should have necessary facilities for drying, pressing and storage of soiled and cleaned linens.

- c. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.

14. Emergency Room specifications:

- a. Emergency room should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- b. Station should accommodate nurses & doctors on duty at any time.
- c. Room should allow free movement of wheel chair or trolley.
- d. Emergency Room should preferably have different entry than the hospital entry.
- e. Access to Emergency Room should have a ramp for wheel chairs and stretchers.

15. House-Keeping:

- a. Housekeeping services should be made available for effective cleanliness.
- b. Housekeeping services can be outsourced.
- c. Designated areas within functional areas for housekeeping materials has to be in hospital

16. Security Services:

- a. There is a designated location for each security staff on duty.

17. Medical record-room:

- a. Medical record-room should be of adequate size as per the load of the documents of the hospital.
- b. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
- c. Fire extinguishers of correct type should be made available nearby all locations.

18. Store rooms:

- a. Store room should be lockable & of adequate size with exhaust fan.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

19. Wards:

- a. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.
- b. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- c. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.

- d. At the minimum one nursing station per ward of up to 25 beds will be provided.
- e. There should be minimum 70 sq.ft. area per bed with 7 ft. distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and 8 inch distance between the bed and the wall.
- f. Width of the door to be at least 4 feet.
- g. Permanent, semi-permanent or temporary partition should be present between two beds.
- h. Ward store area with lockable wall or steel cupboard(s).

20. Duty rooms for doctors

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

21. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

22. Duty rooms for technicians:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

23. Dirty utility room:

- a. Separate area of minimum 15 sq feet.

24. Pura Maruthuvam(External) Therapy Unit or treatment room:

- c. The department is more frequently visited by out-patients and IPD patients but should be located at a place which may be at convenient access to both out-patients and in-patients with privacy.

F.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

F.1.3.1 Specifications of the Pura Maruthuvam(External)Therapy Unit:

- 5. Yes if procedures are done.
- 6. Room Size: Minimum 10 ft. X 10 ft. (As size of massage table/ Droni is 7ft X 3 ft. the size of room should be 10ft X 10 ft.)
- 7. Separate Unit is proposed for male & female with attached toilet and bathroom
- 8. Optional and depending on work load. If more than 30 procedures are carried out per day, separate rooms should be provided.

F.1.3.2 Specifications of the Minor OT for Kaara Nool Chikitsai:

- 1. Minor OT is Yes if surgical procedures are provided in any hospital.

2. Minor OT room should have sterile zone of at least 10 ft X 10 ft; Size is exclusive of clean zone, independent enclosure to accommodate Kaara Nool Chikitsai equipment & maintaining adequate privacy.
3. Sterilization room: adequate to accommodate sterilization equipment & sterilized material.
4. Separate disposal zone for storage of waste as per bio-medical waste management rules.

F.1.4 Basic signage

3. A signage within or outside the facility should be made available containing the following information.
4. All signage meant for patients and visitors shall be bilingual – Local language and Hindi / English.

F.1.4.1 Name of the care provider with registration number,

3. Name of organization.
4. Display of Registration under clinical establishment act
5. Name of Doctor, Qualification, Registration Number

F.1.4.2 Fee structure,

3. Display of tariff list at OPD & IPD.
4. Display of citizen charter in OPD and IPD

F.1.4.3 Timings of the facility

2. Display of OPD timings with names and respective specializations of consultants in OPD & IPD Duty Doctor, Nurse, Attendant details – wardwise

F.1.4.4 Services provided

9. Directional signage at main entrance towards OPD & IPD
10. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths, shops
11. Directional signage within the hospital building for all departments within the building
12. Display of department / area name on the entrance of each area / room / counter
13. Display of hospital layout at various entrances in the hospital
14. Display of hospital's scope of services at OPD, IPD and at Campus entrance
15. Floor Plan With Location Of Departments
16. Plan of Facility
17. usages: departments, OPD & IP room & wards, waiting areas,

F.1.5 Others

21. Display of all radiation hazard signage in radiation areas (if applicable).
22. Display of Biomedical waste segregation at all location where BMW bins are kept
23. Display of danger signage at all electric panels and other dangerous areas

24. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
25. Display of hand-washing techniques compliant with WHO guidelines at all hand wash basins
26. Display of how to use fire extinguisher at all point where fire extinguisher is installed
27. Display of important phone contact numbers of hospital authorities
28. Displays required by regulations like PC PNDT, Lifts, Fire, etc.
29. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
30. Display of patient rights and responsibilities in OPD, IPD and emergency
31. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
32. Emergency exit signage (preferably in auto illumination material, like radium)
33. Fire Protection
34. Hazards- electrical, fall, pipe locations, prohibited areas
35. Notice board for general information to staff
36. Notice board in front of all OPD and IP Wards.
37. Notice board in Minor Operation theatre
38. Routes for all areas
39. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
40. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

F.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements:

1: Furniture / Fixture Requirements for Outpatient Department (OPD)

Sl. No.	Name of the Equipment	Minimum 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	101 and above bedded hospital
		<i>(Per Consulting Room)</i>				
1.	Room with well-lighted and ventilated and equipped with a chair and a table for doctor	1	1	1	1	1
2.	X-ray viewer	1	1	1	1	1
3.	two chairs for patients & attendants	1	1	1	1	1

4.	An examination table of 6 ft. X 2.5 ft. With privacy screen	1	1	1	1	1
5.	Blood pressure apparatus,	1	1	1	1	1
6.	Stethoscope	1	1	1	1	1
7.	Torch,	1	1	1	1	1
8.	Thermometer	1	1	1	1	1
9.	Weighing machine.	1	1	1	1	1
10.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As required				
11.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As required				
12.	Refrigerator if temperature sensitive medication are stored (if required)	1	1	1	1	1
13.	Telephone Equipment - (Intercom)	As required				
14.	Air conditioning	As required				
15.	Adequate lockable storage space	As required				
16.	Foot stools	1	1	1	1	1

1 Per-CR means 1 per Consultation Room

2. Furniture / Fixture Requirements for In-Patient Department (IPD) – Male and Female ward separately:

Sr. No.	Name of the Equipment	Minimum 10 bedded Hospital	11-30 bedded Hospital	31-50 bedded Hospital	51-100 bedded Hospital	101 and above bedded hospital
1.	Adequate wall or steel Cupboards	1	2	2	4	8
2.	Arm Board Adult	1	3	6	12	24
3.	Back rest	1	1	2	4	8
4.	Bain Marie trolley stainless steel 1 per floor	1 per floor				
5.	Bed side cabinets	1 per 5 patients				
6.	Bed side Screen	1 per ward or full length curtains between the beds				
7.	Bucket Plastic	2	5	6	12	24
8.	Ceiling Fans	As required				
9.	Clock 1per ward	1 per ward				
10.	Containers for kitchen	As required				
11.	Doctor's chair for OP & ward,	As required				
12.	Doctor's or Office table	1	2	3	3	10
13.	Dressing trolley-1 per floor/ ward depending on layout	1	2	2	4	8
14.	Dust bins in each ward & consultation room	1	1	3	6	12
15.	Duty table for nurses	1	2	4	8	20
16.	Emergency resuscitation kit	1 per floor				
17.	Enema Set	1	2	2	4	4
18.	Fire extinguisher	ABC 1 per ward/ floor based on layout				
19.	Foot stools	2	4	8	16	25
20.	Refrigerator	1 Per Area/ Ward				
21.	Heavy duty Torch light	1 per ward				
22.	Hospital Cots	10	As per beds			
23.	Hospital Cots Pediatric	As required				
24.	Hot Water Bags 2 per	2 per ward				

	ward					
25.	Hot Water geyser	2 per ward				
26.	I V Stands - 2 per 10 beds	2	As required			
27.	Infra-Red lamp	1	2	3	5	10
28.	Intercom System	2 per ward				
29.	Kidney Trays 1 per 5 beds	2	5	10	20	50
30.	Kitchen utensils,	Adequate				
31.	Massage table of 7ft. x 2.5 ft (wood or fiber)	One per procedure room				
32.	Medicine trolley	1 per ward				
33.	Office chairs	2	2	4	8	20
34.	Office Table	1	2	3	6	10
35.	patient Beds with side rails	20% of total beds				
36.	Patient call Bell System	1 per bed				
37.	Patient locker	1 per bed				
38.	Patients examination table- 1 per ward/ floor as per the profile of patients & layout of facility	1 per ward/ floor as per the profile of patients & layout of facility				
39.	Patients side table	1 per bed				
40.	Pediatric cots with railings as per scope of services	as per scope of services				
41.	Steel or Wooden cup board	2	4	8	16	20
42.	Steel rack	1	2	5	10	20
43.	Stool 1 Per Bed	10	As required			
44.	Stretcher/ Patient trolley - 1 per ward	1 per ward				
45.	Urinal Male and Female (For every 10 bed)	2 (1-M,1-F)	4 (2-M 2-F)	As required	As required	As required
46.	waiting chairs / benches for patients relatives	50% of the bed strengths				
47.	Weighing Machine	1 per ward				

48.	Wheel chair	1	2	3	4	5
49.	Wooden massage bed	One per SR				
50.	X-ray viewer	one per ward				

SR – Service Room

3. Furniture / Fixture Requirements for Pura Maruthuvam Therapy Room

Sr. No.	Name of the Equipment	Minimum 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	101 and above bedded hospital
		Per Service Room				
1.	Appropriate stand to fix droni : 2.5ft. height	1	1	1	1	1
2.	Arm chair	1	1	1	1	1
3.	Droni: Minimum 7ft. x 2.5ft (wood or fiber)	1	1	1	1	1
4.	Footstool	1	1	1	1	1
5.	Gas/Stove	1	1	1	1	1
6.	hamox stretchers / Stretchers with wheels	1	1	1	1	1
7.	Heating facilities	1	1	1	1	1
8.	Hot water bath	1	1	1	1	1
9.	IV stands	1	1	1	1	1
10.	Massage table of 7ft. x 2.5 ft (wood or fiber)	1	1	1	1	1
11.	Mixture/Grinder/Churner	1	1	1	1	1
12.	Plastic aprons, gloves and mask	1	1	1	1	1
13.	Pressure cooker (5 liters) meant for Vedhu	1	1	1	1	1
14.	Thalaikku Ennai Varppu stand and table	1	1	1	1	1
15.	Stool	1	1	1	1	1
16.	Sufficient light and ventilation	1	1	1	1	1
17.	Viyarvai chamber	1	1	1	1	1
18.	Vanthi set	1	1	1	1	1
19.	Vanthipeedam (Adjustable chair)	1	1	1	1	1
20.	Wheel chairs	1	1	1	1	1
21.	For Peechu					
22.	OT Table having bars for giving lithotomy position	1	1	1	1	1
23.	Revolving stools	1	1	1	1	1
24.	Focus lamp	1	1	1	1	1

25.	Torch	1	1	1	1	1
26.	Good light source	1	1	1	1	1
27.	Karanool sikichai cabinet	Optional				
28.	OT table / Lithotomy Table with Side Railings	1	1	1	1	1
29.	OT light	1	1	1	1	1
30.	Attai Vidal (Leech Therapy)	Optional				
31.	Storage Aquarium for fresh leeches: 20-25 liters capacity (may be with partitions)	5-10	5-10	5-10	5-10	5-10
32.	Glass containers (1 liter capacity) for storing used leeches:	1	1	1	1	1
33.	Examination table	1	1	1	1	1
34.	Surgical Trolley	1	1	1	1	1

F.2.2 Sundry Articles Requirement

Furniture / Fixture Requirements – Hospital Fittings & Necessities

Sr. No.	Name of the Equipment	Minimum 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	101-200 bedded hospital	
1.	Air conditioners for OT	Optional				Minimum 1	
2.	Ambulance	Optional				Minimum 1	
3.	Ceiling / wall Fans	As required					
4.	Clock	1 per ward					
5.	Coolers	As required					
6.	Drinking Water purifier	1	2	4	6	10	
7.	Emergency lamp	2 Per Area/ Ward					
8.	Emergency trauma set	2 per ward					
9.	Exhaust Fan	As required					
10.	Fire extinguishers	As required					
11.	Geyser	1 per ward					
12.	Refrigerator	1 per ward					
13.	Storage Geyser	1 per ward					
14.	Tables & Chairs	As required					
15.	Telephone/ cell phone	1 per ward					
16.	Tube lights	As required					
17.	Vacuum cleaner	As required					

F.2.3 Others

Sr. No.	Name of the Equipment	Minimum 10 bedded Hospital	11-26 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	101 and above bedded hospital
1.	Computer with Modem with UPS, Printer with Internet Connection	Minimum 1	Minimum 2	Minimum 2	Minimum 3	Minimum 4
2.	Photocopier Machine	Minimum 1				
3.	Intercom (10 lines)		As needed			
4.	Fax Machine	Minimum 1				
5.	Telephone	One per organization				
6.	Public Address System	Covering Indoor and OPD Areas				

F. 3 Engineering Services Requirements

This will include the detail information about the basic requirements including

F.3.1 Electrical Requirements

7. At least 3 hours backup or generator for critical areas
8. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
9. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
10. The illumination in the hospital is provided as per the prescribed standards.
11. Shadow less lights should be provided in operation theatres and delivery rooms.
12. Emergency portable light units should be provided in the wards and departments.

F.3.2 Plumbing Requirements

2. For in-patient department

- d. No. of Wash basins
 - i. 1 for every 10 beds or part thereof
 - ii. Doctor, staff, patients and visitors have an access to wash basin(s);

- iii. Procedure hand wash basins are separate and located close to procedure area.1 for every 10 beds or part thereof
- e. No. of Water closets
 - i. 1 for every 6 beds or part thereof
 - ii. Separate water closets are available for use for outpatient and in-patient areas.
 - iii. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.
- f. No. of bathrooms
 - i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
 - ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms

F.3.3 Civil Requirements

7. Space between 2 rows of beds in a ward should be minimum 5 ft.
8. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
9. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with functional wheels and at least 4 feet if beds do not have functional wheels.
10. If there are no beds then this requirement is not applicable.
11. Size of hospital bed should be minimum 6' x 3'
12. Area per bed should be Minimum 50 sq. ft. / bed

F.3.4 HVAC / AC / Ventilation / Cross Ventilation Requirements

4. Air-conditioning and Room Heating in operation theatre and neo-natal units should be provided.
5. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
6. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.

F.3.5 Others

2. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

F.4 Public Utilities

F.4.1 Safe drinking water

3. Round the clock availability of safe drinking water for patients, staff and visitors.
4. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

F.4.2 Sanitary Requirements

5. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.

6. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
7. Separate provision for fire fighting should be available.
8. Water softening plant should be considered where hardness of water is a major problem.

Drainage and Sanitation

3. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.

4. Waste Disposal System:

National guidelines on Bio-Medical Waste Management and a Notification of Environment and Forests are at Annexure - I.

G. Equipments /instruments

This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings.

G.1 Therapeutic equipments

1. Equipments / Instruments Requirements for Outpatient Department

Sl. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	25-50 bedded hospital	51-100 bedded hospital	101 & above Bedded hospital
1.	A chair and a table for doctor	1 per CR				
2.	X-ray viewer	1 per CR				
3.	An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per CR				
4.	Blood pressure apparatus,	1 per CR				
5.	Stethoscope	1 per CR				
6.	Torch	1 per CR				
7.	Thermometer	1 per CR				
8.	Weighing machine.	1 per CR				
9.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	Minimum 1	As required			
10.	Knee Hammer	Minimum 1				

11.	Otoscope	As required				
12.	Tuning Fork (minimum)	1	1	2	3	3
13.	Measuring Tape(minimum)	1	2	2	3	3
14.	Tongue Depressor (minimum)	2	3	3	4	5
15.	Glucometer	As required				

2: In-Patient department (IPD)

2. Equipments / Instruments for in-patient department (IPD)						
Sr. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26 -50 bedded hospital	51-100 bedded hospital	101 & above bedded
1.	Ambu bags	1	1	1	1	1
2.	Arm Board Adult	1/ward	1/ward	1/ward	1/ward	1/ward
3.	Autoclave Drums	2	6	9	12	12
4.	Back rest	2	4	8	20	20
5.	Bain marie trolley stainless steel 1 per floor	--	1	2	4	4
6.	Bed pans, 1 per 5 patients	2	12	12	25	
7.	Biomedical waste colour code bins	Each per floor				
8.	Cheatele forceps assorted	5	8	10	10	
9.	Clock per ward	1 per ward				
10.	Containers for kitchen	As required				
11.	Dressing trolley-1 per floor/ ward depending on layout	1 per ward				
12.	Dust bins in each ward & consultation room	1 per ward				
13.	Emergency resuscitation kit	1 per floor				
14.	Enema Set	As required				
15.	Refrigerator	As required				
16.	Heavy duty Torch light	1 per ward				
17.	Hot Water Bags	2 per ward				
18.	I V Stands - 2 per 10 beds	2 per 10 beds				
19.	Infra-Red lamp	3	3	5	10	15

20.	Instrument tray - minimum 1 per ward	minimum 1 per ward				
21.	Intercom System	As required				
22.	Kidney Trays	1 per 5 beds				
23.	Massage table of 7ft. x 2.5ft (wood or fiber)/ Wooden massage bed	1 per treatment room				
24.	Medicine trolley	minimum 1 per ward				
25.	Needle cutter - 3 per ward	1 per ward				
26.	Non mercury Thermometer clinical - 1 per ward	1 per ward				
27.	O2 cylinder with spanner - 1 per ward	1 per ward				
28.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward				
29.	Sphygmomanometers- Stand Type 1& Portable (aneroid or Digital) Type X 1 - 1 per ward	1 per ward				
30.	Stretcher/ Patient trolley - 1 per ward	1 per ward				
31.	Weighing Machine - 1 per ward	1 per ward				
32.	X-ray viewer - one per ward	1 per ward				
33.	Nebulizer	--	--	--	--	1 per ward

3. Equipments / Instruments Karanool / Leech therapy Room

I Karanool

Sr. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101-200 Bedded hospital
55.	Karanool cabinet	Optional				
56.	OT table / Lithotomy Table with Side Railings	Optional	Optional	Optional	Optional	1 /Theatre
57.	OT light	Optional	Optional	Optional	Optional	1 /Theatre
58.	Autoclave	Optional	Optional	Optional	Optional	1 /Theatre
59.	Autoclave Drum/ tray(s)	Optional	Optional	Optional	Optional	1 /Theatre
60.	Consumables	Optional	Optional	Optional	Optional	1 /Theatre
61.	crash cart	Optional	Optional	Optional	Optional	1 /Theatre
62.	Sterile apron	Optional	Optional	Optional	Optional	1 /Theatre
63.	OT instruments	Optional	Optional	Optional	Optional	1 /Theatre
64.	OT light	Optional	Optional	Optional	Optional	1 /Theatre
65.	Surgical trolley	Optional	Optional	Optional	Optional	1 /Theatre
66.	Torch (Medium Size)	Optional	Optional	Optional	Optional	1 /Theatre
67.	Karanool Probes	Optional	Optional	Optional	Optional	As required
68.	Steriliser	Optional	Optional	Optional	Optional	Min 1
69.	Pedestal Shadowless lamp	Optional	Optional	Optional	Optional	Min 1
70.	Surgical Instruments	Optional	Optional	Optional	Optional	As needed

II Attai Vidal (Leech Therapy):

Sr. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101-200 Bedded hospital
71.	Storage Aquarium for fresh leeches: 20-25 liters capacity (may be with partitions)	Optional				
72.	Glass containers (1 liter capacity) for storing used	Optional				

	leeches:5-10 (for each patient requires separate container and the number may vary according to the number of patients)	
73.	Examination table	Optional
74.	Surgical trolley	Optional
75.	Leeches :As per the requirement, usually 3-5 leeches per patient/ treatment period)	Optional
76.	Surgical tray	Optional
77.	Instruments : Different types of Forceps, Scissors, Needles, Suturing material etc. (as per requirement)	Optional
78.	As per requirement: Dressing tray with gloves, bandage cloth, bandages etc.	Optional
79.	Materials: Turmeric, Saindhavalavana, Jatyadi ghrita, honey. (as per requirement)	Optional

G.2 Surgical equipments

1. Equipment Requirement for Minor Operation Theatre (MOT)

Sl. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above Bedded hospital
1.	Anterior vaginal wall retractor	Optional	Optional	Optional	Optional	As needed
2.	Artery forceps	Optional	Optional	Optional	Optional	As needed
3.	Auto Clave HP Vertical (2 bin)	Optional	Optional	Optional	Optional	As needed
4.	Autoclave equipment for sterilization/Sterilizer	Optional	Optional	Optional	Optional	As needed
	Bladder sound (Urethral dilators) of different sizes	Optional	Optional	Optional	Optional	As needed

6.	Crash Cart with lifesaving drugs and Resuscitation Kit	Optional	Optional	Optional	Optional	As needed
7.	Cusco's Speculum	Optional	Optional	Optional	Optional	As needed
8.	Diathermy Machine (Electric Cautery)	Optional	Optional	Optional	Optional	As needed
9.	Disposable syringes (5-10cc)	Optional	Optional	Optional	Optional	As needed
10.	Enema Pot	Optional	Optional	Optional	Optional	As needed
11.	Focus lamp Ordinary	Optional	Optional	Optional	Optional	As needed
12.	Foley's Catheter	Optional	Optional	Optional	Optional	As needed
13.	Formaline dispenser	Optional	Optional	Optional	Optional	As needed
14.	General Surgical Instrument Set Piles, Fistula, Fissure	Optional	Optional	Optional	Optional	As needed
15.	Instrument Trays of various Sizes	Optional	Optional	Optional	Optional	As needed
16.	Instrument Trolley	Optional	Optional	Optional	Optional	As needed
17.	IV stands	Optional	Optional	Optional	Optional	As needed
18.	Kidney tray	Optional	Optional	Optional	Optional	As needed
19.	Knife and scissor 1 each	Optional	Optional	Optional	Optional	As needed
20.	L. P. Tray	Optional	Optional	Optional	Optional	As needed
21.	Magill's forceps (two sizes)	Optional	Optional	Optional	Optional	As needed
22.	Metallic or disposable insemination cannula	Optional	Optional	Optional	Optional	As needed
23.	Operation table Hydraulic Minor with stand	Optional	Optional	Optional	Optional	Min 1/Theatre
24.	OT Spot light (Shadowless ceiling fitted/ stand mounted)	Optional	Optional	Optional	Optional	Min 1/Theatre
25.	Oxygen Cylinder	Optional	Optional	Optional	Optional	Min 1/Theatre
26.	Shadowless lamp ceiling type major / minor	Optional	Optional	Optional	Optional	Min 1/Theatre
27.	Shadowless Lamp stand model	Optional	Optional	Optional	Optional	Min 1/Theatre
28.	Sims speculum in small, medium & large size	Optional	Optional	Optional	Optional	As needed
29.	Sphygmomanometer	Optional	Optional	Optional	Optional	Min 1/ OT

30.	Steriliser Small (Instruments)	Optional	Optional	Optional	Optional	Min 1/ OT
31.	Sterilizer big (Instrument)	Optional	Optional	Optional	Optional	Min 1/ OT
32.	Sterilizer Medium (Instrument)	Optional	Optional	Optional	Optional	Min 1/ OT
33.	Stethoscope	Optional	Optional	Optional	Optional	Min 1/ OT
34.	Suction Apparatus - Electrical	Optional	Optional	Optional	Optional	Min 1/ OT
35.	Suturing Set	Optional	Optional	Optional	Optional	As needed
36.	Swab holders	Optional	Optional	Optional	Optional	As needed
37.	Thermometer	Optional	Optional	Optional	Optional	As needed
38.	Tongue depressors	Optional	Optional	Optional	Optional	As needed
39.	Toothed forceps	Optional	Optional	Optional	Optional	As needed
40.	two long (8 inch)& two short (6 inch) Artery forceps	Optional	Optional	Optional	Optional	As needed
41.	two Uterine sound	Optional	Optional	Optional	Optional	As needed
42.	Urethral Dilator Set	Optional	Optional	Optional	Optional	As needed
43.	Vaginal Examination set	Optional	Optional	Optional	Optional	Min 1/OT
44.	Vulsellum	Optional	Optional	Optional	Optional	Min1/OT

G.3 Diagnostic equipments

1: Imaging Equipment

Sr. No.	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above Bedded hospital
1.	300 M.A. X-ray machine	Optional	Optional	Optional	Min1	Min1
2.	Ultra Sonogram (Obs & Gyne. department should be having a separate ultra-sound machine of its own)	Optional	Optional	Optional	Optional	Min1
3.	Echocardiogram	Optional	Optional	Optional	Optional	Optional
4.	X-ray developing tank	Optional	Optional	Optional	Min 1	Min 1
5.	Safe light X-ray dark room	Optional	Optional	Optional	Min 1	Min 1
6.	Cassettes X-ray	Optional	Optional	Optional	Min 1	Min 1
7.	Lead apron	Optional	Optional	Optional	Min 1	Min 1

8.	Intensifying screen X-ray	Optional	Optional	Optional	Min 1	Min 1
9.	Thyroid shield	Optional	Optional	Optional	Min 1	Min 1
10.	TLD batches	Optional	Optional	Optional	Min 1	Min 1
11.	Gonadial guard	Optional	Optional	Optional	Min 1	Min 1
12.	X-ray lobby single	Optional	Optional	Optional	Min 1	Min 1
13.	Automatic ECG	Min 1	Min 1	Min 1	Min 1	Min 1

2: Laboratory Equipments

Sl. No	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above Bedded hospital
1.	Alarm clock	Min 1				
2.	Automatic cell counter	Optional	Optional	Optional	Min 1	Min 1
3.	Auto analyzer/ Semi auto analyzer	Optional	Optional	Optional	Min 1	Min 1
4.	Binocular Microscope	Min 1	Min 1	Min 1	Min 1	Min 3
5.	Chemical Balances	Min 1				
6.	Counting chamber	Min 1				
7.	Electric Colorimeter	Min 1				
8.	Electric centrifuge, table top	Min 1				
9.	ESR stand with tubes	Min 1				
10.	Photo colorimeter	Min 1				
11.	Glucometer	1 Per Area/ Ward				
12.	Hemoglobinometer	Min 1				
13.	Hot air oven	As required				
14.	Hot plates	As required				
15.	Lab Incubator*	As required				
16.	Laboratory Auto Claves	As required				
17.	Micro pipette of different volumes	As required				
18.	PH meter	As required				

Sl. No	Name of the Equipment	10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above Bedded hospital
19.	Refrigerator	Min 1				
20.	Rotor / Shaker	Min 1				
21.	Simple balances	Min 1				
22.	Spirit lamp	Min 1				
23.	TCDC count apparatus	Min 1				
24.	Test tube holders	As required				
25.	Test tube rack	As required				
26.	Test tube stands	As required				
27.	Timer stop watch	As required				
28.	Water bath	As required				
29.	ELISA reader & washer	Optional	Optional	Optional	Optional	Min 1
30.	Fully automated analyser	Optional	Optional	Optional	Optional	Min 1
31.	Laminar air flow chamber	Optional	Optional	Optional	Optional	Min 1
32.	Cold centrifuge	Optional	Optional	Optional	Optional	Min 1
33.	Incubator	Optional	Optional	Optional	Optional	Min 1
34.	Sample Shaker	Optional	Optional	Optional	Optional	Min 1

H. Manpower

This includes the Designation, minimum qualification & number of people required in the facility.

H.1 Medical practitioners

1. **Category:** Doctors
2. **Minimum Qualifications:** Degree/ Post Graduate Degree or Post Graduate Diploma from recognized university by Central Government or State government of Indian Medicine.
3. **Registration:** (if applicable): with state or central council of Indian Medicine
4. **Trained / skilled:** Trained

	Doctors BSMS/ MD	Min 10 beds	11-25 beds	26-50 beds	51-100 beds	101 & above beds
1.	Hospital Superintendent	-	1	1	1	1
2.	BSMS – General Siddha Medical Care	1	2	4	6	8
3.	Spl – Pothu Maruthuvam	Specialty Service of Sl.No 3-13 may be provided by engaging MD / PG Diploma qualified Doctor on hire or contract basis or full time basis as per the requirement				
4.	Spl- Kathu Mooku Thondai Maruthuvam					
5.	Spl- Sool Magalir Maruthuvam					
6.	Spl- Kuzhanthai Maruthuvam					
7.	Spl- Varma Maruthuvam					
8.	Spl – Putru Noi Maruthuvam					
9.	Spl- Vatha Noi Maruthuvam					
10.	Spl – Thol Maruthuvam					
11.	Spl – Neerizhivu Maruthuvam					
12.	Spl – Muthiyor Maruthuvam					
13.	Spl – Kayakarpam and Yogam					
14.	Anesthetist	Optional				
15.	Radiologist DMRE/ MD in concerned subject	Optional				
16.	Pathologist (visiting/part time/full time)	Optional	Optional	Optional	1	1
17.	Casualty Doctor / General Duty Doctor	1	1	1	1	2

H.2 Therapists:

5. **Category:** Masseur Technicians
6. **Minimum Qualifications:** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
 - a. Masseur Technicians should have at least done certified course in Masseur of at least 6 months - 1 year duration as recognized by state of central council for Indian Medicine .
 - b. Masseur Assistant should have at least done certified course in Masseur of at least 6 months duration as recognized by state of central council for Indian Medicine .
7. **Registration:** (if applicable): state or central council of Indian Medicine
8. **Trained / skilled:** Trained

(As per Minimum standard requirement of Hospital attached with colleges)

Strength: Minimum 1 per treatment room; male and female separate; i.e. minimum 1 male technicians or 1 female technicians for a treatment room.

Therapists - Technicians	Min 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded Hospital	101 & above bedded Hospital
Varmam,Puramaruthuvam (Masseur) Technicians-Female	1	1	2	3	4
Varmam,Puramaruthuvam (Masseur) Technicians-Male	1	1	2	3	4
Varmam,Puramaruthuvam (Masseur) Assistant - Female	1	1	2	3	4
Varmam,Puramaruthuvam (Masseur) Assistant Male	1	1	2	3	4

H.3 Paramedics

5. **Category:** Paramedics
6. **Minimum Qualifications:** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
7. **Registration with the concerned council**(if applicable): state or central council
8. **Trained / skilled:** Trained

	Paramedics	Minimum qualification	Min 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above bedded hospital	
1.	ECG Technician (if ECG services are provided in-house)	1 year experience of taking ECG	1	1	1	2	2	
2.	Hospital worker (OP/...)	Eight standard completed	2	2	4	6	8	
3.	Laboratory Attendant (Hospital Worker) (if lab is in-	Ability to read national or local language	2	2	3	4	4	
4.	Laboratory Technician (if Lab is in-house)	Qualified Laboratory Technician	1	2	2	4	4	
5.	Medical Records Officer /	<i>Minimum qualification- 12th Standard passed.</i>	1	1	1	2	2	
6.	OT Assistant (if surgical services are provided)	<i>Minimum qualification- 12th Standard passed.</i>	1	1	1	2	2	
7.	Radiographer (if Imaging is in-house)	Qualified Radiographer	1	1	1	1	1	
8.	Therapy Assistant Minimum 1	Eight standard completed	As required					
9.	Ward boy or Ayah Minimum 1 per ward/floor	Eight standard completed	1	2	2	4	6	

H.4 Nurses:

5. **Category:** Nursing (As per Minimum standard of Hospital attached with colleges)
6. **Minimum Qualifications:** GNM or BSc or MSc Nursing
7. **Registration:** State Nursing Council of where hospital is located
8. **Trained / skilled:** Trained
(As per Minimum standard requirement of Hospital attached with colleges)

Nurses to Beds Ratio: 1 per 10 beds

Sr. No	Nursing Staff	Min 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	100 & above bedded Hospital
	Staff Nurse	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.				
	Matron	-	-	1	2	2

H.5 Administrative staff: The number would vary as per requirement and may be outsourced.

Administrative staff

Sl. no	Administrative staff	Min 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above bedded Hospital
	Office Superintendent/ Hospital Administrator	-	-	1	1	1
	Accountant	1	1	2	2	4
	Computer Operator	1	1	2	2	4
	Security Staff*	2	4	6	6	8

H.6. Miscellaneous staff

Sl. no	Administrative staff	Qualification	Min 10 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51-100 bedded hospital	101 & above bedded Hospital	
1.	Clerk for Billing	Minimum qualification- 12th Standard passed.	1	1	2	2	3	
2.	Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	Optional	Optional	Optional	4	6	
3.	Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle With State Road Transport Office. If driving an ambulance, specific training is required.	Optional	Optional	Optional	1	1	
4.	Electrician	If exists, Diploma in Electrical Engineering.	Optional	1	1	1	1	
5.	Housekeeping Staff	Ability to read national or local language	2	2	4	6	6	
6.	Kitchen Servant (if food is cooked in-house)	-	As required					
7.	Maintenance person	If exists, Diploma in Electrical Engineering.	1	1	1	2	2	

8.	Peon	Eight standard completed	1	1	1	2	2
9.	Plumber	-	1	1	1	1	2
10.	Sanitary Worker	-	1	2	4	4	6
11.	store keeper/ Manager	Minimum qualification- 12 th Standard passed.	-	1	1	1	1

I. Drugs

This segment includes the minimum essential drug which needs to be maintained in the facility.

As per the publication “Essential Drug List – Siddha Medicine” by Department of AYUSH, March 2013, as and where applicable the drug list for treatment conditions to be maintained in all IPD.

J. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

J.1 Surgical

S.No	Surgical Consumables
1.	Absorbent cotton
2.	Adhesive plaster
3.	Bandage Roll
4.	Biomedical waste colour coded covers
5.	Caps & mask
6.	Catguts of different sizes
7.	Developer
8.	Disp-Gown, Cap, Mask, Big Sheet, Draw Sheet & Gloves(for communicable diseases)
9.	ECG Paper Roll , ECG Jelly, Tissue Paper
10.	Enema Can
11.	Ether Anesthetic 500ml
12.	Fixer
13.	Gamjee Pad and Rolls
14.	Gauze Roll
15.	Hypodermic Needle (Pkt. of 10 needle) No.19, 20, 21, 22, 23, 24, 25, 26
16.	Indicator tape for sterilization by pressure autoclave

17.	Isopropyl Alcohol swab
18.	IV Cannula (different sizes)
19.	Leg drape
20.	Non Sterile Surgical rubber gloves
21.	Scalp vein sets (Different Sizes)
22.	Shaving blade –packet of 5
23.	Sterile & non sterile Gloves of different sizes
24.	Sterile cotton, gamjee pads, gauze pieces
25.	Sterile disposable syringes
26.	Sterile Infusion sets(Plastic)
27.	Sterile Surgical rubber gloves
28.	Ultra Sound Jelly
29.	Ultrasound scan film
30.	Vicryl No.1
31.	X-Ray film , TLD card
32.	Xylocaine Jelly

J.2 Dressing Material

S.No	Dressing Material
1.	Absorbent cotton
2.	Adhesive plaster
3.	Bandage Roll
4.	Dressing Thylam (Eg. Mathan Thylam)
5.	Gamjee Pad and Rolls
6.	Gauze Roll
7.	Ghada Cloth
8.	Siddha Antiseptic cream (eg. V.Vennai)
9.	Siddha Antiseptic solution (eg. Padikaraneer, Thiripala Kudineer, Neem, Turmeric).
10.	Sterile & non sterile Gloves of different sizes
11.	Sterile cotton, gamjee pads, gauze pieces
12.	Suture material (Eg. Black silk, Catguts)
13.	Wooden Splint

J.3 Disinfectants: As applicable in adequate quantity

S.No	Disinfectants
9.	Formaldehyde solutions (1%-2%)
10.	Glutaraldehyde
11.	Hydrogen peroxide
12.	Hypochlorite 4%-6%
13.	Neem Solution
14.	Phenolic germicides
15.	Quaternary ammonium compounds
16.	Turmeric Solution

J.4 Tubing

S.No	Items
7.	Connecting tubings for oxygen delivery
8.	Foleys catheters
9.	Nebulization Mask (Adult & Paed.)
10.	Oxygen catheters
11.	Oxygen masks (Adult & Paed.)
12.	Suction catheters
13.	Uro Bag

J.5 Linen

S. No	LINEN	MIN 10	11 to 25	26 to 50	51 to 100	101 & above
1	Abdominal Sheets for OT	As required				
2	Apron for Cook	As required				
3	Bed sheets (1:3)	30	75	150	300	600
4	Bedspreads (1:4)	40	80	150	200	300
5	Blankets	As required				
6	Central Hole Sheet	As required				
7	Curtain Clothes for Windows & Doors	As required				
8	Doctors Overcoat	1 per Doctor				
9	Draw Sheet (1:2)	20	50	100	200	300
10	Green sheet (Big) (MOT / Labour Room)	As required				
11	Hospital Worker OT Coat	One Per Worker				
12	Leggings	As required				
13	Mackintosh	1 per Bed				
14	Mats (Nylon)	As per requirement				
15	Mattress(Foam) (Adult)	1 per Bed				
16	Mattress(Foam) (Paediatric)	1 per Bed				
17	Patient Gown (OT/Labour Ward)	As required				
18	Perineal Sheets	As required				
19	Pillow	10+5	25+10	50+20	100+30	200+50
20	Pillow Covers (1:3)	30	75	150	300	600
21	Table Cloth	As required				
22	Towels	As required				
23	Uniform / Apron	As required				

J.6. Stationery for Hospitals

S.No	Items
29.	Consents Forms
30.	Continuation Sheets for IPD
31.	Death Certificate Books
32.	Diet Cards
33.	Diet Sheets
34.	Discharge cards
35.	Gynecological and Obst. Case sheets
36.	Indoor Admission Form & Case Sheets
37.	Intake Output Charts
38.	Investigation Requisition and Report Forms
39.	Nurses Report Register
40.	Nursing Monitoring Forms
41.	Pharmaco Vigilance Form
42.	Prognosis and Treatment Charts
43.	Referral Forms
44.	Registers - IPD Nominal
45.	Registers - Medicine Indent Register
46.	Sentinel Event Form
47.	Surgical Case Sheets
48.	Temperature Charts

J.7. Consumables for Karanool

S.No	Items
1.	Achyranthes Powder (Nayuruvi Uppu)
2.	Alternatively Karanool may be procured from reputed agencies
3.	Barbour Thread No.20
4.	Guggulu
5.	Surgical Spirit
6.	Turmeric Powder

J.8 Laboratory

S.No	Items
1.	Benedict's reagent
2.	Bilirubin reagent
3.	Blood Sugar Kits for Semi-Auto Analyser
4.	Cap & Mask
5.	Disposable Syringes
6.	Drabkins reagent
7.	EDTA Vacutainers
8.	ESR Disposable tubes
9.	Gingely Oil
10.	Gloves
11.	Haematocrite Tubes
12.	Haematology counter reagent
13.	HbsAg Kits
14.	HIV Kits
15.	Hypo Solution
16.	Lancet
17.	Leishmen stain
18.	Lipid Profile Kits
19.	Malaria Kits
20.	Microscope cover slips
21.	Seedar wood Oil
22.	Sodium Citrate Vacutainers
23.	Surgical Spirit
24.	Test Tubes
25.	Tourniquet
26.	Urea, Creatinine Kits
27.	Xylene reagent Grade Water
28.	Ziehl Neelson stain
29.	Zinc Sulphate

J.9 Leech Therapy

	ITEMS
1.	Bandage Roll
2.	Gauze Roll
3.	Gloves
4.	Turmeric
5.	Tuber of Lotus
6.	Tuber of Kotti
7.	Leech
8.	Storage Containers for leech

J.10 Suttigai

S.NO	ITEMS
1.	Mud Pot
2.	Tuber of Turmeric

K. Licenses

This includes the minimum statutory compliance applicable as per the central or state government along with licensing body.

Sn	Name of the Act	Department/ Area	Licensing body
1	Registration under Shops and Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
1.	Registration under Clinical Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
2.	AERB clearances for CT/ MRI/ X ray & Radiation	Imaging	Atomic Energy Regulatory Board
3.	Agreement for Common Biomedical Waste Collection, Transportation, Treatment, Storage and Disposal Facility	Organization	Local Pollution Control Board
4.	Registration under Air (prevention and control of pollution) Act, 1981.	Organization	Local Pollution Control Board
5.	Approval of Radiation Safety Officer	Imaging	Atomic Energy Regulatory Board
6.	Boiler license under Indian Boiler Act, 1923	Boiler	Concerned regulatory Body
7.	Building Permit (From the Municipality).	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
8.	Certificate for Narcotics & Psychotropic Substances	Pharmacy and / Hospital	Drug Controller
9.	Certificate of Registration under society act 1860	Organization	Registrar of societies/ Charity Commissioners office
10.	Certificate u/s 80-G of IT Act	Organization	If applicable.
11.	Class clearance certificate issued to manufacturer/ importer of mobile X ray equipment	Imaging	AERB Class Clearance issued to Manufacturer/ dealer of imaging equipment
12.	Commissioning approval of Linear Accelerator	Radiation Therapy	AERB

13.	ESIS registration in case of >20 employees	Organization	Employee State Insurance Company
14.	Excise permit to store Spirit.	Organization	Excise department
15.	Generator Exhaust air Quality Report	Generator	Authorized Air Testing Laboratory
16.	License to sale or distribute drugs Form 20, 21, 21C	Pharmacy	FDA
17.	License for lift	Lift	Mobile Electric Vehicles Department
18.	License to play music for public use	Organization	Indian
19.	No objection certificate from the Chief Fire Officer.	Organization	Fire Department
20.	Obtaining clearances for weighing equipments in all the hospital units under The Standards of Weights and Measures Act, 1976.	Weights and measures	Department of Weights and Measures
21.	Occupation Certificate	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
22.	PNDT Act, 1996.	Sonography	Health Department of Regulatory Body assigned with the responsibility
23.	Registration of births and deaths Act, 1969.	Organization	Health Department of Regulatory Body assigned with the responsibility
24.	SMPV License for Storage of Liquid Oxygen, Form III (License to compressed gas in pressure vessel or vessels)	Medical Gases in Pressurized Vessels	Licensing Authority
25.	TAN Number	Organization	Income Tax Department
26.	PAN Number	Organization	Income Tax Department
27.	Vehicle Registration certificates for Ambulance	Ambulance and Vehicles owned by the organization	Road Traffic Authority
28.	Water Prevention and control of pollution Act	Organization	Pollution Control Board

L. Basic Processes

L.1 Registration (This will help in developing a database at State / Central level).

13. Name,
14. Unique Identification Number (If Adhaar available or Id assigned in the Hospital)
15. Age,
16. Gender ,
17. Address with PIN code, / District / State
18. Marital Status,
19. Contact Number,
20. Type of Diet (Veg, Non-veg),
21. OP/ IP Number,
22. Date & Time of visit for OP/ admission for IP,
23. Name of Treating Doctor

L.2 Assessment

20. Primary Complaint of the guest:
21. History of Primary Complaint:
22. History of Medication:
23. History of Implants/ Pacemaker/ Surgery:
24. Past History
25. History of allergies
26. Diet and Lifestyle History
27. Family History
28. Personal History
29. General Examination
30. Systemic Examination
31. Physical Examination
32. Envagai Thervu, Neerkuri, Neikuri, Thegam, Elu Udalkattugal, Uyir Thathukkal (Vatham, Pitham, Kabam)
33. Pain Scoring
34. Nutritional Assessment
35. Diagnosis Provisional / Final
36. Preventive Aspects
37. Plan of Care
38. Treatment

L.3 Infection Control

6. Cleaning: to be done with defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
7. Disinfectants: Defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
8. Advisable to have designated Infection Control Officer for hospital more than 50 beds.
9. Advisable to have designated Infection Control Committee for hospital more than 50 beds.
10. Infection control activities should be monitoring by define method & schedule.

L.4 Safety considerations

(Surgical safety, infection control, biomedical waste, first aid & basic life support, disaster preparedness)

5. Following physical safety aspects shall be taken care in the hospital

1. AERB safety rules shall be followed in Radiology and other radiation areas.
2. All areas where a physical hazards may occur, like near DG set, transformer, Cylinder storage, electric panels, steep slope etc. shall be provided with safety signage and safety instructions
3. All balconies and opening on higher floors shall have grills
4. All bottles containing acids or alkalis shall be stored on cupboards at height below the shoulder level to prevent them from falling while taking out. It shall never be stored on height above the head level
5. All electric panels shall be enclosed in insulated and nonflammable box and shall be kept locked
6. All entry doors, windows and furniture shall be maintained in good maintained condition
7. All equipments, furniture awaiting condemnation shall be stored in separate condemnation area
8. All stretchers and wheelchairs shall have safety belts for fastening the patient
9. Anti-skid mats shall be placed on entrance of bathrooms
10. Boundary wall of the hospital's campus shall be of sufficient height with metal fencing on top. Entire boundary wall shall be kept in intact condition
11. Corridors and passages shall not be blocked by chairs, tables or equipments
12. Displays of 'floor is wet' or 'under repair' or similar precautions in required areas and time shall be available with the hospital
13. Doors height shall be at least of 8 feet
14. Electric rooms shall not be used as store room or for any other purpose
15. Emergency exit routes shall be kept clear all the times
16. Hospitals ground shall be properly maintained. There shall be no openings, or pits in the ground. The surfaces shall be kept even
17. Lab shall be provided with safety equipments like eye wash cups
18. Material safety data sheet shall be available for all hazardous materials
19. No door shall open towards public areas like crowded lobby etc. (the door shall preferably open towards the inside of room)
20. No inflammable materials like, diesel, LPG, acids etc. shall be stored near electrical panel
21. Personal protective gears shall be available everywhere and in adequate quantity. These include gears like, gloves, masks, gowns, boots, caps, goggles etc. Earplugs shall be provided to staff in areas where there is continuous noise, like AC plant.
22. Protection from stray dogs and other animals shall be ensured in the hospital campus
23. Rubber matting shall be placed on the floors below electric panels
24. Seepage shall not be allowed in areas where electric panels or wires are present
25. Terrace should have side walls of at least 4 feet height
26. The beds shall have provision for providing side guardrails.

27. There should be no losing of electrical wiring. All electrical wiring shall be concealed and kept intact

6. Surgical safety

1. There are two independent identifiers for each patient. Name of patient with some other independent identifier.
2. Identification bands for patients should be considered in cases where patient cannot be relied upon to give correct information on his own identity. E.g. pediatric, disoriented, altered consciousness, etc.
3. Use of surgical safety check list based on WHO Criteria is used consistently for each procedure and surgical intervention. The Checklist should divide the operation into three phases, each corresponding to a specific time period in the normal flow of a procedure
 - a. the period before induction of anesthesia,
 - b. the period after induction and before surgical incision
 - c. the period during or immediately after wound closure but before removing the patient from the operating room.
4. In each phase the checklist task must be completed before proceeding forward.

7. Infection control:

1. Biological safety assessment is done for all areas of patient care and risks defined for the same.
 - a. Needle Stick Injury and related Transmissions
 - b. Patient to staff, patient to patient and staff to patient risk of transmission of diseases is addressed and preventive measures are instituted.
 - c. Procedure site and surgical site infections are monitored.
2. Preventive measures and remedies for correction are kept available wherever such risk exists.
3. Hand washing practices as per WHO recommended criteria are followed and monitored regularly.
4. Facility and consumables for hand washing are available at convenient locations in the healthcare facility.
5. Adequate equipment and disposables related to personal safety for infection transmission are available to staff and patients in the organization. E.g. equipment like fogging machine, UV sterilizers, Insect Killer Machines and consumables such as Gloves, hand washing materials/ hand gels, surgical Masks, N95 Masks, industrial gloves, etc.

4. Biomedical waste:

1. Biomedical waste is collected, segregated, packed, transported and disposed according to the regulatory guidelines.
2. Biological Waste Management is monitored on regular basis.
3. Biomedical waste disposal is a part of infection control activities.

7. First aid & basic life support

1. At all times there is a staff member who is adequately qualified and is trained in giving at least Basic Life Support System.
2. Adequate qualifications will include qualified nurse or doctor from any specialization who has undergone training on Basic Life Support.
3. There will be a full resuscitation set maintained for use exclusively during such events, irrespective of existence of similar equipment anywhere else in the hospital.

8. Disaster preparedness: Yes for all hospitals of all sizes.

1. Healthcare organization must identify various possible disasters and prepare for the same by stocking necessary consumables, training adequate staff and conducting drills regularly.
2. Keeping equipment in a state of readiness for use during such events.
3. Separate stock is maintained as per the risk perceived for the anticipated disorder(s).
4. Keeping a back-up of consumables at all times in usable condition for use during disaster.
5. Personnel are trained for disaster management
6. Disaster drills are carried out at least once in six months for various disaster anticipated.
7. Anticipated list of disasters can include and is not restricted to any of:
 - a. Fire
 - b. Terrorist attack
 - c. Invasion of swarms of insects and pests.
 - d. Earthquake.
 - e. Civil disorders effecting the Organization.
 - f. Sudden failure of supply of electricity. (Disaster)

7. Fire – Safety Measures

As for safety against fire accidents, fire extinguishers of various powder gas & water type have to be installed & maintained periodically. Fire alarm system equipments have to be fixed in inpatient department, OP Department Lab block & Pharmacy and kept in good condition so as to effectively use them in case of fire accident. All staff members should be given one day training on operation of Fire extinguisher annually.

M.1 Clinical Records (including consents)

Sr. No	Records
1.	OPD/ IPD Records
2.	Treatment Orders
3.	Medication Records
4.	Procedure Records
5.	Nursing Monitoring Records
6.	Nursing Treatment Records

7.	Reports of investigations
8.	Consents: General Consent at admission, Procedure consents

M.2 Discharge

2. Discharge Summary should have following details:
 - a. Primary data of Name, UID, Gender, Age, Address with PIN code, Marital Status, Contact Number, Type of Diet (Veg, Non-veg), OP/ IP Number, Date of visit for OP/ admission for IP, Treating Doctor, Discharge date & Reason
 - b. Primary Complaint of the guest
 - c. History of Primary Complaint:
 - d. History of allergies
 - e. Salient Examination Findings
 - f. Pain Relief Advice
 - g. Nutritional Advice
 - h. Diagnosis – Final
 - i. Preventive Aspects
 - j. Treatment Given
 - k. Details of procedures performed
 - l. Treatment advised
 - m. Contact number in case of emergency

Teaching Hospitals

All teaching hospitals should comply the notification of Central Council of Indian Medicine Notification, New Delhi Notification 13-2-2013 – Indian Medicine Central Council (Minimum standard Requirements of Siddha Colleges and attached hospitals) Regulations, 2013

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O. Abbreviations

1. ATM- Aruvai &Thol Maruthuvam
2. B.S.M.S.- Bachelor of Siddha Medicine and Surgery
3. CR – Consultation Room
4. DS - Deputy Superintendent
5. FNA -Female Nursing Assistant
6. FSK -Furniture stock keeping
7. HS- Hospital Superintendent
8. IPD- In Patient Department
9. M.D(S)- Doctor of Medicine(Siddha)
10. MNA - Male Nursing Assistant
11. MSK - Medical stock keeping
12. Minor OT – Minor Operation Theatre.
13. MOT –Minor Operation Theatre
14. Min – Minimum
15. OPD- Out Patient Department
16. SPM- Sirappu Maruthuvam
17. SMM-Sool Magalir Maruthuvam
18. SR – Service Room
19. RMO-Residential Medical Officer

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
HOMOEOPATHY**

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A Introduction

A.1 General

In India, unlike allopathic hospitals, stand alone homoeopathic hospitals are almost nonexistent. Homoeopathic hospitals are attached with homoeopathic teaching institutions in India. Individual private clinics and/or Government run homoeopathic dispensaries and polyclinics are situated as has been shown in the survey conducted by the India Medical Association. These homoeopathic teaching institutions along with the attached hospitals are guided by the Central Council of Homoeopathy Minimum Standards Requirement Act 2013. The Minimum standard requirement for different homoeopathic hospitals shall be, inter alia, as per the Central Council of Homoeopathy Minimum Standards Requirement Act 2013. Number of beds available in attached homoeopathic hospitals shall be proportionate to the intake capacity of the Homoeopathic College.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable. Homoeopathic health care establishments shall be classified as under

1. Individual Homoeopathic Clinic,
2. 10 Bed Homoeopathic Hospital,
3. 25 bed Homoeopathic Hospital,
4. 50 Bed Homoeopathic Hospital,
5. 100 Bed Homoeopathic Hospital,
6. More than 100 Bed Homoeopathic Hospitals, and
7. Homoeopathic Teaching Hospitals.

These shall be within the ambit of the *Clinical Establishments (Central Government) Rules 2012*. The clinical establishment shall register, under the respective State Govt. or Union Territory Administration in compliance to the Clinical Establishments (*Central Government*) Rules 2012, through standard application form prior to their establishment. Respective State Govt. or Union Territory Administration shall provide the required registration and permission for continuation of the establishment on fulfillment of the terms and conditions as laid down in the Rules.

Type of Health Care Facility	Scope of Services
Clinic	Outdoor care facility managed by a single Homoeopathy medical practitioner or a group of Homoeopathy practitioners with or without a day care facility. No overnight stay or care is provided here. The average patient reporting to such clinic shall be up to 50 patients per day per clinic.
10 bed Homoeopathic Hospital	Health Care facility with 1 to 10 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
11 to 25 bed Homoeopathic Hospital	Health Care facility with 11 to 25 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
26 to 50 Beds	Health Care facility with 26 to 50 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
51 to 100 Beds	Health Care facility with 51 to 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
More than 100 bed Homoeopathic Hospitals	Health Care facility with more than 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
Teaching Homoeopathic Hospitals	Health Care facility provided through hospitals attached with homoeopathic medical colleges for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Homoeopathy physician and faculty members of the medical college trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.

Homoeopathic hospitals having 20 beds and above shall be considered as teaching homoeopathy hospitals and shall be in compliance of the *Homoeopathy Central Council (Minimum Standards Requirement of Homoeopathic Colleges and attached Hospitals) Regulations 2013, vide The Gazette of India, (Extra Ordinary) dated 08-03-013.*

B. Functions

This section includes the basic services provided by facilities. It is subdivided into two parts

B.1 Core functions (Clinical services)

(Clinics & Outdoor Patients facilities of health care organizations of 1 to 10, 11 to 25, 26 to 50, 51 to 100, more than 100 beds & teaching homoeopathic hospitals)

	Up to 10 Bed	11 to 25 bed	26 to 50 beds	51 to 100 beds	Teaching Hospitals
	Minimum Clinical OPD Services to be provided				
1	Organon of Medicine	Organon of Medicine	Community Medicine	Community Medicine	Community Medicine
2	Homoeopathic Materia Medica	Homoeopathic Materia Medica	Surgery	Surgery	Surgery
3	Repertory;	Repertory;	Obstetrics & gynecology	Obstetrics & gynecology	Obstetrics & gynecology
4		Practice of Medicine	Pediatric	Pediatric	Pediatric
5		Pediatrics	Dental (optional)	Dental (optional)	Dental (optional)
6		Obstetrics & gynecology	Organon of Medicine	Organon of Medicine	Organon of Medicine
7			Homoeopathic Materia Medica	Homoeopathic Materia Medica	Homoeopathic Materia Medica
8			Repertory;	Repertory;	Repertory;
9			Homoeopathic pharmacy	Homoeopathic pharmacy;	Homoeopathic pharmacy;
10			Practices of Medicine	Practices of Medicine;	Practices of Medicine;
11			Pediatrics	Pediatrics	Pediatrics;
12			Psychiatry	Psychiatry	Psychiatry

Indoor patients facilities

In-Patient Department of the Hospital shall have separate Male and Female wards.

Distribution of beds shall be as under: -

- i. General Medicine - 50% (for acute patients – 10% and for chronic patients 40%)
- ii. Pediatrics – 10%
- iii. Surgery – 20%
- iv. Obstetrics & Gynecology – 20

The **indoor department of the hospital** shall have separate male and female wards and distribution of beds at the rate of 64 sq. feet (8 ft x 8 ft) area per bed per ward as under –

Up to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospitals
Minimum Clinical Services to be provided in IPD				
Organon of Medicine	Organon of Medicine	Community Medicine (optional)	Community Medicine (optional)	Community Medicine (optional)
Homoeopathic Materia Medica	Homoeopathic Materia Medica	Surgery	Surgery	Surgery
Repertory;	Repertory;	Obstetrics & gynecology	Obstetrics & gynecology	Obstetrics & gynecology
	Practice of Medicine	Pediatric	Pediatric	Pediatric
	Pediatrics	Dental	Dental	Dental
	Obstetrics & gynecology	Organon of Medicine with Homoeopathic Philosophy;	Organon of Medicine with Homoeopathic Philosophy;	Organon of Medicine with Homoeopathic Philosophy;
		Homoeopathic Materia Medica including applied aspects;	Homoeopathic Materia Medica including applied aspects;	Homoeopathic Materia Medica including applied aspects;
		Repertory;	Repertory;	Repertory;
		Homoeopathic pharmacy;	Homoeopathic pharmacy;	Homoeopathic pharmacy;
		Practices of Medicine;	Practices of Medicine;	Practices of Medicine;
		Psychiatry.	Psychiatry.	Psychiatry.

Operationalization of beds of Psychiatry ward shall be subjected to availability of full time psychiatrist and trained nurse required for the purpose.

B.2 Auxiliary Functions (support services for eg: diagnostics)

(Central Laboratory for clinical diagnosis and investigations).

5. There shall be a central laboratory in the hospital complex with proper infrastructure and work force for carrying out routine, pathological, biochemical and hematological investigations on the patients referred from outdoor and indoor departments of the hospital.
6. There shall be a central imaging unit in the hospital complex with proper infrastructure and work force for carrying out routine, imaging investigations on the patients referred from outdoor and indoor departments of the hospital.

Support Services:

1. Accounting
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records
12. Medicine preparation area
13. Medico legal records
14. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
15. Personnel Department
16. Pharmacy/ dispensary
17. Purchase
18. Reception,
19. Security services
20. Stores
21. Waste management

C. Physical Facilities

C.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

Homoeopathic hospitals having 20 beds and above shall be considered as teaching homoeopathy hospitals and shall be in compliance of the *Homoeopathy Central Council (Minimum Standards Requirement of Homoeopathic Colleges and attached Hospitals) Regulations 2013, vide The Gazette of India, (Extra Ordinary) dated 08-03-2013.*

C.1.1 Minimum area required for establishing the facility

Type of Health Care Organization	Requirements		
	Stand alone building	Part of another building	
			Minimum built up area
Clinic	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Minimum area should be adequate to accommodate doctors table, consultation chair, two stools/ chairs, examination bed of the size 6 ft X 2.5 ft., privacy screen around examination area while having free mobility.	150 sq feet per clinic with temporary partition for patient waiting.
1 to 10 bed		Local regulations related to building structures, occupancy, etc. will be followed.	350 square meters.
11 to 25			765 square meters.
26 to 50			1530 square meters.
51 to 100			3060 square meters.
Teaching Hospitals			5000 square meters.

Break up of built up area

SL No.	Description of the Rooms	Minimum area in square meters				Teaching Hospital
		1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	
1	Hospital Administration Block	20	50	100	200	300
	Superintendent Room					
	Rooms for Senior Medical Officer					
	Staff nurse					
	Reception & Registration Counters					
2	Out Patient Departments					
	Medicine	50	200	350	500	500
	Obs & Gyn					
	Pediatrics					
	Dressing rooms					
	Dispensary					
	Store					
3	In Patient Department					
	General Medicine ward (male & female separate)	200	350	750	2000	3000
	Pediatrics					
	Surgery ward (male & female separate)					
	Obstetrics & Gynaecology					
	Toilets and Bath rooms (male & female separate)					
	Doctors duty room					
	Nursing Station					
4	Operation theater Unit					
	Operation theater	optional	Optional (100)	100	100	250
	Preparation room					
	Post operative recovery room					
	Space for sterile items					
	Labor room					
	Rooms for surgeon/obstetrician/Assistant					
	Nursing staff room					
5	Physiotherapy & yoga Unit	30	30	30	30	50
6	Central Clinical Laboratory	30	50	50	50	150
7	Radiology & Sonology	Optional	Optional	30	30	100
8	Kitchen	Optional	Optional	50	50	250
9	Medicine Stores	10	45	45	45	200
10	General Stores	10	50	55	55	200
	Total	350	765	1530	3060	5000

C.1.2 Functional space: planning of the facility like reception area, waiting area etc.

25. Consultation & examination room

- a. Minimum 10 ft. x 10 ft.
- b. Consultation room should be adequate to accommodate:
 - i. Doctors table,
 - ii. Consultation chair,
 - iii. Two stools/ chairs,
 - iv. Examination bed of the size 6 ft X 2.5 ft.,
 - v. Privacy screen around examination area while having free mobility

26. Pharmacy/Dispensary Room:

- a. The pharmacy should be located in an area conveniently accessible.
- b. Temperature & humidity to be maintained as per the requirement of the stored medications.
- c. The size should be adequate to contain 5 percent of the total clinical visits to the OPD in one session for hospitals with more than 50 beds.
- d. Pharmacy should have adequate medicine storage and dispensing facility for indoor and outdoor patients.
- e. In view of the alcohol use and storage in homoeopathic pharmacy, it should be adequately equipped with fire safety norms.

27. Entrance hall with reception area, enquiry counter, cash counter and record area

- a. Preferably 100 sq. ft per 25 beds

28. Waiting area in entire organization

- a. Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital.
- b. Waiting hall shall have the facility for toilet and drinking water.
- c. Information like hospital timings, dos and don'ts in the hospital, various types of services available and utility fees shall be displayed in the waiting hall.

29. Kitchen area: Applicable only if food is cooked in the hospital. Providing food is mandatory for hospitals of size over 100 beds.

- a. Kitchen area should be sufficient size to prepare food for inpatients as per diet advised by the physician
- b. Kitchen layout and functioning should follow the flow of materials as:
Entry → washed → cutting → cooking → loading → To Serve
- c. Utensil washing area is separate from the cooking area.

30. Medicine preparation area: Applicable for hospitals of size over 50 beds.

- a. Preparation area should be of minimum 50 sq. ft: only if medications are prepared in the hospital.

31. Medical Stores specs:

- a. The medical store may be part of pharmacy or separate and secured.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

- c. In view of the alcohol use and storage in homoeopathic pharmacy, it should be adequately equipped with fire safety norms.
- d. Homoeopathy medicines shall be stored separately as per the HPI guidelines in a separate store (other than general store).

32.RMO Quarters:

- a. Minimum 1 room with attached bathroom & WC, per 2 doctors with separate rooms for male & females with separated sleeping facility with ceiling fan, drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.

33.Nursing station/ duty room (Nurses):

- a. One nursing station/room per 15 beds.
- b. Applicable for clinics only if there is a day care ward.
- c. Nursing stations should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- d. Station should accommodate all nurses on duty at any time.

34.Clinical laboratory specifications:

- a. Laboratory services can be outsourced or can be optional for hospitals upto 100 beds.
- b. Laboratory services are mandatory for hospitals above 100 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided.
- c. Separate Reporting Room for doctors should be there.
- d. Must have proper facility for management biomedical waste.

35.Radiology section:

Role of imaging department should be radio-diagnosis and ultrasound along with hire facilities depending on the bed strength.

- a. The department should be located at a place which is accessible to both OPD and wards and also to operation theatre department.
- b. The size of the room should depend on the type of instrument installed.
- c. It should conform to AERB requirements.
- d. The room should have a sub-waiting area with toilet facility and a change room facility, if required.
- e. Film developing and processing (dark room) shall be provided in the department for loading, unloading, developing and processing of X-ray films.
- f. Separate Reporting Room for doctors should be provided.

36.Laundry (optional)

- a. Laundry services can be outsourced or can be optional.
- b. If it is provided in house, it should have necessary facilities for drying, pressing and cleaned linens.
- c. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.

37. Emergency Room specifications:

- a. Emergency room should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- b. Station should accommodate all nurses & doctors on duty at any time.
- c. Room should allow free movement of wheel chair or trolley.
- d. Emergency Room should preferably have different entry than the hospital entry.
- e. Access to Emergency Room should have a ramp for wheel chairs and stretchers.

38. House-Keeping:

- a. Housekeeping services should be made available for effective cleanliness.
- b. Housekeeping services can be outsourced.
- c. Designated areas within functional areas for housekeeping materials has to be in hospital more than 50 beds

39. Security Services:

- a. There is a designated location for each security staff on duty.

40. Medical record-room:

- a. Medical record-room should be of adequate size as per the load of the documents of the hospital.
- b. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
- c. Fire extinguishers of correct type should be made available nearby all locations.

41. Store rooms:

- a. Store room should be lockable & of adequate size with exhaust fan.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

42. Wards:

- a. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.
- b. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- c. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.
- d. At the minimum one nursing station per ward of upto 45 beds will be provided.
- e. There should be minimum 70 ft area per bed with 7 feet distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and atleast 8" distance between the bed and the wall.

- f. Width of the door to be at least 4 feet.
- g. Permanent, semi-permanent or temporary partition should be present between two beds.
- h. Ward store area with lockable wall or steel cupboard(s).

43. Duty rooms for doctors

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

44. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

45. Dirty utility room:

- a. Separate area of minimum 15 sq. feet.

C.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

Specifications of the Operation Theater/ Minor OT

(if surgical services are provided in hospital having more than 100 beds):

1. OT/ procedure room should have sterile zone of at least 10 ft X 10 ft; Size is exclusive of clean zone, independent enclosure to accommodate equipment & maintaining adequate privacy.
2. OT is mandatory if surgical procedures are provided in any hospital.
3. Waiting area: Adequate number of seats/ chairs with respect to the bed strength and load of the patients will be provided.
4. Consultation room with examination room: adequate to accommodate Doctors table, consultation chair, two stools/ chairs, examination bed of minimum size of 6 ft. X 2.5 ft., privacy screen around examination area.
5. Sterilization room: adequate to accommodate sterilization equipment & sterilized material.
6. Separate Recovery room for regimental therapy is mandatory only in health care units which provide stand-alone services. Otherwise ward beds of the facility can be utilized.
7. Separate disposal zone for storage of waste as per bio-medical waste management rules.

C.1.4 Basic signage

1. A signage within or outside the facility should be made available containing the following information. The information shall be in compliance of the *Clinical Establishments (Central Govt.) Rules 2012*.
2. All signage meant for patients and visitors shall be bilingual – Local language and Hindi / English.

C.1.4.1 Name of the care provider with registration number,

1. Name of organization.
2. Display of Registration under Clinical Establishments Act.

C.1.4.2 Fee structure,

1. Display of tariff list at OPD, Emergency etc.
2. Display of citizen charter in OPD and emergency

C.1.4.3 Timings of the facility

1. Display of OPD timings with names and respective specializations of consultants in OPD.

C.1.4.4 Services provided

1. Directional signage at main entrance towards emergency and OPD
2. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths, shops
3. Directional signage within the hospital building for all departments within the building
4. Display of department / area name on the entrance of each area / room / counter
5. Display of hospital layout at various entrances in the hospital
6. Display of hospital's scope of services at OPD, Emergency and at Campus entrance
7. Floor Plan With Location Of Departments
8. Plan of Facility
9. usages: departments, OPD & IP room & wards, waiting areas,

C.1.5 Others

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PCPNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD, emergency and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas

15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Notice board in Operation theatre
18. Routes for all areas
19. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
20. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

C.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements:

1: Furniture/Fixture Requirements for Outpatient Department (OPD): (PER CONSULTATION ROOM)					
Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital
Room with well-lighted and ventilated and equipped with a chair and a table for doctor	1	1	1	1	1
X-ray viewer	1	1	1	1	1
Two chairs for patients & attendants	1 set	1 set	1 set	1 set	1 set
An examination table of 6 ft. X 2.5 ft. With privacy screen	1	1	1	1	1
Blood pressure apparatus,	1	1	1	1	1
Stethoscope	1	1	1	1	1
Torch	1	1	1	1	1
Thermometer	1	1	1	1	1
Weighing machine	1	1	1	1	1
Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement				
Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement				
Computers, (if required)	1 per consultation room				
Telephone equipment	As per requirement				
Air conditioning	As per requirement				
Adequate lockable storage space	As per requirement				
Foot stools	1 per consultation room				

2: Furniture/Fixture Requirements for In-Patient department (IPD):						
Sr. No.	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital
	Adequate wall or steel Cupboards	2	4	8	15	25
2.	Arm Board Adult	6	12	24	24	35
3.	Back rest	2	4	8	20	30
4.	Bain Marie trolley stainless steel 1 per floor	1 per floor				
5.	Bed side cabinets	1 per 5 patients				
6.	Bed side Screen	1 per ward or full length curtains between the beds				
7.	Bucket Plastic	6	12	24	24	24
8.	Ceiling Fans	As per requirement				
9.	Clock	1 per ward	1 per ward	1 per ward	1 per ward	1 per ward
10.	Containers for kitchen	As needed				
11.	Doctor's chair for OP & ward,	As needed				
12.	Doctor's or Office table	3	3	10	20	25
13.	Dressing trolley-1 per floor/ ward depending on layout	2	4	8	10	20
14.	Dust bins in each ward & consultation room	3	6	12	15	35
15.	Duty table for nurses	4	8	20	30	50
16.	Emergency resuscitation kit	1 per floor				
17.	Enema Set	2	4	4	8	15
18.	Fire extinguisher -	ABC 1 per ward/ floor based on layout				
19.	Foot stools	8	16	25	25	35
20.	Fridge	1 Per Area/ Ward				
21.	Heavy duty Torch light	1 per ward				
22.	Hospital Cots	50	100	300	500	500
23.	Hospital Cots Pediatric	5	10	30	50	75
24.	Hot Water Bags	2 per ward				
25.	Ice bags	2 per ward				
26.	Hot Water geyser	2 per ward				
27.	I V Stands - 2 per 10 beds	10	20	50	100	150
28.	Intercom System	2 per ward				
29.	Kidney Trays 1 per 5 beds	20	40	50	50	75
30.	Kitchen utensils	Adequate				
31.	Massage table of 7ft. x 2.5ft (wood or fiber) if service is provided	One per procedure room				
32.	Medicine trolley	1 per ward				
33.	Office chairs	4	8	20	20	50
34.	Office Table	3	6	10	10	30
35.	patient Beds with side rails	20% of total beds				
36.	Patient call Bell System	1 per bed				
37.	Patient locker	1 per bed				
38.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward/ floor a per the profile of patients & layout of facility				

39.	Patients side table	1 per bed				
40.	Pediatric cots with railings as per scope of services	as per scope of services				
41.	Steel or Wooden cup board	8	16	20	25	50
42.	Steel rack	5	10	20	40	50
43.	Stool 1Per Bed	8	8	15	25	40
44.	Stools revolving – 1 per ward	2 per ward	2 per ward	2 per ward	2 per ward	2 per ward
45.	Stretcher/ Patient trolley – 1 per ward	1 per ward	1 per ward	1 per ward	1 per ward	1 per ward
46.	Urinal Male and Female	10	20	50	100	150
47.	waiting chairs / benches for patients relatives	50% of the bed strength				
48.	Weighing Machine	1 per ward				
49.	Wheel chair	2 per 50 beds				
50.	X-ray viewer	one per ward				

3: Furniture/Fixture Requirements						
SN	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital
1	Arm chair	One per service room				
2	Examination table	Minimum 1				
3	Focus lamp	Minimum 1 per service room				
4	Footstool	One per service room				
5	Gas/Stove	One per service room				
6	Good light source	Minimum 1 per service room				
7	hamox stretchers / Stretchers with wheels	One per service room				
8	Heating facilities	One per service room				
9	Hot water bath	One per service room				
10	IV stands	One per service room				
11	OT table / Lithotomy Table with Side Railings	Minimum one				
12	Plastic aprons, gloves and mask	One per service room				
13	Revolving stools	Minimum 1 per service room				
14	Stool	One per service room				
15	Sufficient light and ventilation	As per requirement				
16	Surgical trolley	Minimum 1				
17	Torch	Minimum 1 per service room				

18	Wheel chairs	One per service room
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C.2.2 Sundry Articles Requirement

Furniture/Fixture Requirements						
Sr. No.	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital
1.	Air conditioners Central A/C for OT	Optional	Optional	Minimum 1	Minimum 1	Minimum 1
2.	Ambulance	Optional	Optional	Optional	Minimum 1	Minimum 1
3.	Ceiling / wall Fans	As needed				
4.	Clock	1 per ward				
5.	Computer with modem with UPS, printer with internet connection	As needed				
6.	Coolers	As needed				
7.	Drinking Water purifier	As needed				
8.	Emergency lamp	2 Per Area/ Ward				
9.	Emergency trauma set	2 per ward				
10.	Exhaust Fan	As needed				
11.	Fire extinguishers	As needed				
12.	Geyser	1 per ward				
13.	Refrigerator	1 per ward				
14.	Storage Geyser	1 per ward				
15.	Tables & Chairs	As needed				
16.	Telephone/ cell phone	1 per ward				
17.	Tube lights	As needed				
18.	Vacuum cleaner	As needed				

C.2.3 Others

Furniture/Fixture Requirements Administration							
Sr. No.	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital	
	Computer with Modem with UPS, Printer with Internet Connection	As needed					
2.	Photocopier Machine	As needed	As needed	1 per ward	1 per ward	1 per ward	
3.	Intercom (10 lines)	As needed					
4.	Fax Machine	-	As needed	As needed	As needed	As needed	
5.	Telephone	One per organization					Two per organizati on
6.	Public Address System	-	Covering Indoor and OPD Areas				

C. 3 Engineering Services Requirements

This will include detailed information about basic requirements including

C.3.1 Electrical Requirements

1. At least 3 hours backup or generator for critical areas
2. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
3. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
4. The illumination in the hospital is provided as per the prescribed standards.
5. Shadow less lights should be provided in operation theatres and delivery rooms.
6. Emergency portable light units should be provided in the wards and departments.

C.3.2 Plumbing Requirements

4. Number of Wash basins

- i. 1 for every 20 persons or part there
- ii. Doctor, staff, patients and visitors have an access to wash basin(s) 1 for every 50 persons or part there.
- iii. Dirty utility & surgical / procedural hand wash basin will be separate from general use & one each.

5. Number of Water closets

- iii. 1 for every 20 beds or part thereof.
- iv. Doctor, staff, patients and visitors have an access to wash closet(s) 20 beds or part thereof.

6. For in-patient department

a. No. of Wash basins

- i. 1 for every 12 beds or part thereof
- ii. Doctor, staff, patients and visitors have an access to wash basin(s);
- iii. Procedure hand wash basins are separate and located close to procedure area. 1 for every 12 beds or part thereof.

b. No. of Water closets

- i. 1 for every 6 beds or part thereof
- ii. Separate water closets are available for use for outpatient and in-patient areas.
- iii. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.

c. No. of bathrooms

- i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
- ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms

d. WC

- i. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- ii. Average size of toilet : 810 mm X 1800mm with grab bars
- iii. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- iv. At least one wheel chair friendly toilet of dimensions 2200mm X 1800mm must be provided.

C.3.3 Civil Requirements

1. Space between 2 rows of beds in a ward should be minimum 5 ft.
2. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
3. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with functional wheels and at least 4 feet if beds do not have functional wheels.
4. If there are no beds then this requirement is not applicable.
5. Size of hospital bed should be minimum 6' x 3'
6. Area per bed should be Minimum 50 sq. ft. / bed

C.3.4 HVAC / AC / Ventilation / Cross Ventilation Requirements

1. Air-conditioning and Room Heating in operation theatre and neo-natal units should be provided.
2. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
3. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.

C.3.5 Others

1. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

C.4 Public Utilities

C.4.1 Safe drinking water

1. Round the clock availability of safe drinking water for patients, staff and visitors.
2. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

C.4.2 Sanitary Requirements

1. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.
2. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
3. Separate provision for firefighting should be available.
4. Water softening plant should be considered where hardness of water is a major problem.

Drainage and Sanitation

1. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.
2. **Waste Disposal System:** As per the Bio-Medical Waste Management Rules, 2016

D. Equipments /instruments

This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings

D.1 Therapeutic equipments

1: Outpatient Department (OPD)

1: Equipment /Instruments Requirements for Outpatient department (OPD) (PER CONSULTATION ROOM)							
Sr. No.	Name of the Equipment	Clinic	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching Hospital
	A chair and a table for doctor	1	1	1	1	1	1
2.	X-ray viewer	1	1	1	1	1	1
3.	An examination table of 6 ft. X 2.5 ft. with privacy screen	1	1	1	1	1	1
4.	Blood pressure apparatus	1	1	1	1	1	1
5.	Stethoscope	1	1	1	1	1	1
6.	Torch	1	1	1	1	1	1
7.	Thermometer	1	1	1	1	1	1
8.	Weighing machine.	1	1	1	1	1	1
9.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
10.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					
11.	ENT SET	1	1	1	1	1	1

2: In-Patient department (IPD)

2:Equipments /instruments for In-Patient department (IPD):							
Sr. No.	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital	
	Ambu bags	3	6	6	6	10	
2.	Arm Board Adult	6	12	24	24	50	
3.	Autoclave Drums	3	6	9	12	25	
4.	Back rest	2	4	8	20	50	
5.	Bain marie trolley stainless steel :1 per floor	1	2	4	8	15	
6.	Bed pans: 1 per 5 patients	10	20	50	100	200	
7.	Biomedical waste colour coded bins	One set each per floor					
8.	Cheatle forceps assorted sizes	5	8	16	25	50	
9.	Clock	1 per ward					
10.	Containers for kitchen	As required					
11.	Dressing trolley	1 per floor/ ward depending on layout					
12.	Dust bins in each ward & consultation room	1 per ward					
13.	Emergency resuscitation kit	1 per floor					As required
14.	Enema Set	As required					1 per ward
15.	Fridge	As required					1 per ward
16.	Heavy duty Torch light – 1 per ward	1 per ward					1 per floor
17.	Hot Water Bags : 2 per ward	2 per ward					As required
18.	I V Stands - 2 per 10 beds	2 per 10 beds					As required
19.	Infra-Red lamp	3	5	10	10	1 per ward	
20.	Instrument tray – minimum 1 per ward	minimum 1 per ward					2 per ward
21.	Instrument trolley – 1 per ward	minimum 1 per ward					2 per 10 beds
22.	Intercom System	As required					10
23.	Kidney Trays-1 per 5 beds	1 per 5 beds					minimum 1 per ward
24.	Medicine trolley	minimum 1 per ward					
25.	Needle cutter – 3 per ward	3 per ward					
26.	Non mercury Thermometer clinical – 1 per ward	1 per ward					
27.	O2 cylinder with spanner – 1 per ward	1 per ward					
28.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward					
29.	Sphygmomanometers- Stand Type 1& Portable (aneroid or Digital) Type X 1 – 1 per ward	1 per ward					
30.	Stretcher/ Patient trolley	1 per ward					

	- 1 per ward	
31.	Weighing Machine - 1 per ward	1 per ward
32.	X-ray viewer - one per ward	1 per ward

D.2 Surgical equipment

1: Operation Theater

1:Equipment Requirements for Operation Theater					
Sr. No.	Name of the Equipment	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
	Anterior vaginal wall retractor	Adequate	Adequate	Adequate	Adequate
2.	Artery forceps	Adequate	Adequate	Adequate	Adequate
3.	Auto Clave HP Vertical (2 bin)	1*	1*	1*	1*
4.	Autoclave equipment for sterilization/Sterilizer	1*	1*	1*	1*
	Bladder sound (Urethral dilators) of different sizes	1*	1*	1*	1*
6.	Crash Cart with lifesaving drugs and Resuscitation Kit	1*	1*	1*	1*
7.	Cusco's Speculum	As needed	As needed	As needed	As needed
8.	Diathermy Machine (Electric Cautery)	As needed	As needed	As needed	As needed
9.	Disposable syringes (5-10cc)	As needed	As needed	As needed	As needed
10.	Enema Pot	1*	1*	1*	1*
11.	Focus lamp Ordinary	1*	1*	1*	1*
12.	Foley's Catheter	As needed	As needed	As needed	As needed
13.	Formaline dispenser	1*	1*	1*	1*
14.	General Surgical Instrument Set Piles, Fistula, Fissure	1*	1*	1*	1*
15.	Instrument Trays of various Sizes	Adequate	Adequate	Adequate	Adequate
16.	Instrument Trolley	As needed	As needed	As needed	As needed
17.	IV stands	As needed	As needed	As needed	As needed
18.	Kidney tray	As needed	As needed	As needed	As needed
19.	Knife and scissor 1 each	As needed	As needed	As needed	As needed
20.	L. P. Tray	Adequate	Adequate	Adequate	Adequate
21.	Magill's forceps (two sizes)	Adequate	Adequate	Adequate	Adequate
22.	Metallic or disposable insemination cannula	Adequate	Adequate	Adequate	Adequate
23.	Operation table Hydraulic Minor with stand	1*	1*	1*	1*
24.	OT Spot light (Shadow less ceiling fitted/ stand mounted)	1*	1*	1*	1*
25.	Oxygen Cylinder	1*	1*	1*	1*
26.	Oxygen Mask with Circuit	1*	1*	1*	1*
27.	Plastic aprons, gloves and mask	Adequate	Adequate	Adequate	Adequate
28.	Shadow less lamp ceiling type major / minor	1	1	2	
29.	Shadow less Lamp stand model	1*	1*	1*	1*
30.	Sims speculum in small, medium & large size	Adequate	Adequate	Adequate	Adequate
31.	Sphygmomanometer	1*	1*	1*	1*
32.	Sterile cotton	As needed			

33.	Sterile gloves	As needed			
34.	Steriliser Small (Instruments)	As needed			
35.	Sterilizer big (Instrument)	As needed			
36.	Sterilizer Medium (Instrument)	1*	1*	1*	1*
37.	Stethoscope	1*	1*	1*	1*
38.	Suction Apparatus - Electrical	1*	1*	1*	1*
39.	Suturing Set	1*	1*	1*	1*
40.	Swab holders	1*	1*	1*	1*
41.	Thermometer	1*	1*	1*	1*
42.	Tongue depressors	1*	1*	1*	1*
43.	Toothed forceps	1*	1*	1*	1*
44.	two long (8 inch)& two short (6 inch) Artery forceps	1*	1*	1*	1*
45.	two Uterine sound	1*	1*	1*	1*
46.	Urethral Dilator Set	1*	1*	1*	1*
47.	Vaginal Examination set	1*	1*	1*	1*
48.	Vulsellum	1*	1*	1*	1*

1*: this is the minimum number required.

2: Anesthesia

Equipment Requirements for Anesthesia					
Sr. No.	Name of the Equipment	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Airway female & male	Adequate	Adequate	Adequate	Adequate
2.	Anesthesia Trolley / Boyle's Apparatus	Minimum 1 if anesthesia is given	1*	1*	1*
3.	Anesthetic- laryngoscope Magill's with four blades	2*	2*	2*	2*
4.	CO2 cylinder for laparoscope	1*	1*	1*	1*
5.	Connector set of six for ETT	1*	1*	1*	1*
6.	Defibrillator/ AED	1*	1*	1*	1*
7.	Endotracheal tube sets	1*	1*	1*	1*
8.	Magill's forceps (two sizes)	1*	1*	1*	1*
9.	Mouth prop	1*	1*	1*	1*
10.	Multi-parameter Monitor	1*	1*	1*	1*
11.	N2O Cylinder for Boyles	1*	1*	1*	1*
12.	O2 cylinder for Boyles	1*	1*	1*	1*
13.	Tongue depressors	Adequate	Adequate	Adequate	Adequate
14.	Tubes connecting for ETT	Adequate	Adequate	Adequate	Adequate

*minimum number required

D.3 Diagnostic equipment

1: Imaging Equipment

1. Imaging Equipment					
Sr. No.	Name of the Equipment	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
	300 M.A. X-ray machine	Optional	Optional	Optional	Optional
2.	Ultra Sonogram (Obs. & Gyne. department should be having a separate ultra-sound machine of its own)	Optional	Optional	Optional	Minimum 1
3.	Echocardiogram	Optional	Optional	Optional	Optional
If X-Ray machine exists, there should be a minimum of one of each of the following items:					
4.	X-ray developing tank	1	1	1	1
5.	Safe light X-ray dark room	1	1	1	1
6.	Cassettes X-ray	1	1	1	1
7.	Lead apron	1	1	1	1
8.	Intensifying screen X-ray	1	1	1	1
9.	Thyroid shield	1	1	1	1
10.	TLD batches	1	1	1	1
11.	Gonadal guard	1	1	1	1
12.	X-ray lobby single	1	1	1	1

2: Laboratory Equipments

Sr. No.	Name of the Equipment	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
	Alarm clock	1 Per Area/ Ward			
2.	Automatic cell counter	Optional	Optional	1*	1*
3.	Auto analyzer/ Semi auto analyzer	Optional	Optional	Optional	Optional
4.	Binocular Microscope	1*	1*	1*	1*
5.	Chemical Balances	1*	1*	1*	1*
6.	Counting chamber	1*	1*	1*	1*
7.	Electric Colorimeter	1*	1*	1*	1*
8.	Electric centrifuge, table top	1*	1*	1*	1*
9.	ESR stand with tubes	1*	1*	1*	1*
10.	flame photometer	1*	1*	1*	1*
11.	Glucometer	1 Per Area/ Ward			
12.	Haemoglobinometer	1*	1*	1*	1*
13.	Hot air oven	As needed	As needed	As needed	As needed
14.	Hot plates	As needed	As needed	As needed	As needed
15.	Lab Incubator	As needed	As needed	As needed	As needed
16.	Laboratory Auto Claves	As needed	As needed	As needed	As needed
17.	Micro pipette of different volumes	As needed	As needed	As needed	As needed
18.	PH meter	As needed	As needed	As needed	As needed
19.	Refrigerator	1*	1*	1*	1*
20.	Rotor / Shaker	1*	1*	1*	1*
21.	Simple balances	1*	1*	1*	1*
22.	Spirit lamp	1*	1*	1*	1*
23.	TCDC count apparatus	As needed	As needed	As needed	As needed
24.	Test tube holders	As needed	As needed	As needed	As needed
25.	Test tube rack	As needed	As needed	As needed	As needed
26.	Test tube stands	As needed	As needed	As needed	As needed
27.	Timer stop watch	As needed	As needed	As needed	As needed
28.	Water bath	As needed	As needed	As needed	As needed

* is the minimum number required

D.4 Emergency equipments

Sr. No.	Name of the Equipment	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Emergency equipment box for first aid & BLSS	Minimum 1	Minimum 1	Minimum 1	Minimum 1
2.	Crash-Card trolley:1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
3.	Portable defibrillator:1	Optional	Optional	Minimum 1	Minimum 1
4.	Disposable syringes	As needed	As needed	As needed	As needed
5.	Ambu Bag:1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
6.	Laryngoscope with cell	Minimum 1	Minimum 1	Minimum 1	Minimum 1
7.	Sealed battery cell	Minimum 1	Minimum 1	Minimum 1	Minimum 1
8.	Endotracheal tubes	As needed	As needed	As needed	As needed
9.	Monitor	As needed	As needed	As needed	As needed

D.5 Sterilizing Equipments

Sterilizing Equipments						
Sr. No.	Name of the Equipment	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Auto Clave HP Vertical (2 bin)	As needed	Minimum 1	Minimum 1	Minimum 1	Minimum 1
2.	Autoclave equipment (drums or trays) for sterilization/Sterilizer	Adequate	Adequate	Adequate	Adequate	Adequate

Essential Drugs List -

The essential drug list for all the Homoeopathic clinical Establishments established under the *Clinical Establishments Rules 2012 (Central Govt.)* shall be in compliance of the *EDL – Homoeopathy, March 2013, Dept. of AYUSH, Govt. of India.*

E. Manpower

This includes the Designation, minimum qualification & number of people required in the facility.

Minimum strength of staff of hospital attached to a homoeopathic college

Sl No	Name of the Post	For 20 beds	For 25 beds	For 50 beds	For 51 to 100 beds	For 100 to 200 beds	More than 200 beds
1	Medical Superintendent	1	1	1	1	1	1
2	Dy. Medical Superintendent			1	1	2	3
2	Senior Medical officer	1	1	1	1	3	5
3	Medical Officer	2	2	2	4	5	7
4	Resident Medical Officer	1	1	2	2	3	5
5	Surgeon (General Surgery)**	1	1	1	1	2	2
6	Anesthetist*	On Call	On Call	On Call	On Call	1	1
7	Obstetrician/Gynaecologist**	1	1	1	1	2	2
8	Radiologist*	On Call	On Call	On Call	On Call	1	1
9	Pathologist/ Biochemist**	1	1	1	2	3	5
10	House Physician (Resident)***	2	2	5	8	12	20
11	Dispenser	1	1	2	3	5	8
12	Laboratory Technician	1	1	1	2	5	7
13	X-ray Technician/Radiographer	On Call	On Call	1	1	3	5
14	Dresser	1	1	1	1	3	5
15	X-ray Attendant	On Call	On Call	1	1	3	3
16	Nursing Staff In-charge	1	1	1	1	3	5
17	Nursing Staff	2	3	7	9	12	15
18	Ward Boys/Ayas	3	4	7	9	15	18
19	Store Keeper	1	1	1	1	3	3

20	Registration Clerk/Telephone Operator	1	1	1	1	3	3
21	Yoga Expert	On Call	On Call	1	1	1	1
22	Physiotherapist	On Call	On Call	1	1	1	1
23	Dietician (Part Time)	1	1	1	1	1	1
24	Every Homoeopathic Hospital shall engage adequate secretarial and Accounts staff for running the hospital smoothly.						
25	Auxiliary staff like Lab Attendant, Dark Room Attendant shall be as per requirement.						
26	The College and Hospital authorities shall make arrangements either by adequate staff of its own or through a contractor for looking after the jobs like cleanliness, laundry, hospital catering, gardening and watch and ward duties in the premises of the hospital.						
27	Hospital reception, Out-Patient Department registration, In-Patient Department registration, Medical record room, Accounts section shall be properly manned and preferably computerised.						

E.1 Medical practitioners

5. **Category:** Doctors
6. **Minimum Qualifications:** Degree/ Post Graduate Degree from recognized university by Central of Homoeopathy
7. **Registration:** (if applicable): with State or central council of Homoeopathy
8. **Trained / skilled:** Trained

E.2 Therapists:

9. **Category:** Therapists:
10. **Minimum Qualifications** (5 ½ years BHMS Degree from recognized University by Central Council of Homoeopathy)
11. **Registration with the** Central Council of Homoeopathy (if applicable): State Board /council of Homoeopathy
12. **Trained / skilled:** Trained

E.3 Paramedics

9. **Category:** Paramedics
10. **Minimum Qualifications** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
11. **Registration with the concerned council**(if applicable): state or central council of Indian Medicine
12. **Trained / skilled:** Trained

Sr. no	Paramedics	Minimum qualification	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Clerk for Billing	Minimum qualification- 12th Standard passed.	-	1	1	2	2
2.	Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	As per requirement				
3.	Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle With State Road Transport Office. If driving an ambulance, specific training is required.	As per requirement				
4.	ECG Technician (if ECG services are provided in-house)	1 year experience of taking ECG	-	1	1	3	3
5.	Electrician	If exists, Diploma in Electrical Engineering	-	1	2	2	3
6.	Hospital worker (OP/ward +OT)	Eight standard complete		5	5	10	20
7.	Housekeeping Staff	Ability to read national or local language	1	1	As per requirement		
8.	Kitchen Servant (if food is cooked in-house)	-	As per requirement				
9.	Laboratory Attendant (Hospital Worker) (if lab is in-house)	Ability to read national or local language	-	1	2	3	5
10.	Laboratory Technician (if Lab is in-house)	Qualified Laboratory Technician	-	2	3	3	5
11.	Maintenance person	If exists, Diploma in Electrical Engineering	-	1	1	2	3
12.	Medical Records Officer / Technician	Minimum qualification- 12th Standard passed	-	1	1	1	3
13.	OT Assistant (if surgical services are provided)	Minimum qualification- 12th Standard passed	1	2	2	3	10
14.	Peon	Eight standard completed	-	1	2	3	10
15.	Pharmacist (if pharmacy is in-house)	Diploma in Homeopathy Pharmacy (D.Pharma) Bachelor in Homeopathy Pharmacy (B.Pharma) Master in Homeopathy Pharmacy (M.Pharma)	-	2	4	6	8
16.	Physiotherapist	Qualified PT	-	1	1	1	2

17.	Plumber	-	-	1	1	3	3
18.	Radiographer (if Imaging is in-house)	Qualified Radiographer		1	1	3	3
19.	Sanitary Worker	-		5	5	10	15
20.	store keeper/ Manager	Minimum qualification- 12th Standard passed	-	-	1	3	3
21.	Therapy Attendant Minimum 1	Eight standard completed	As per requirement				
22.	Ward Ayah Minimum 1 per ward/ floor	Eight standard completed	As per requirement				
23.	Ward boy Minimum 1 per ward/ floor	Eight standard completed	As per requirement				
24.	Dispenser	Eight standard completed	-	1	2	3	5
25.	Dresser	Eight standard completed	-	1	1	2	3

E.4 Nurses: Nurses to Beds Ratio: 1 per 10 beds

9. **Category:** Nursing

10. **Minimum Qualifications:** GNM or BSc or MSc Nursing

11. **Registration:** State Nursing Council of where hospital is located

12. **Trained / skilled:** Trained

Sr. no	Nursing Staff	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Staff Nurse	1	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.
2.	Matron	-	1	1	2	2

E.5 Administrative staff: The number would vary as per requirement and may be outsourced.

Administrative staff						
Sr. no	Administrative staff	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Office Superintendent/ Hospital Administrator	-	1	1	1	1
2.	Accountant	-	2	2	3	5
3.	Computer Operator	-	6	6	10	15
4.	Security Staff*	-	2	4	6	10

F. Drugs

This segment includes the minimum essential drug which needs to be maintained in the facility.

F.1 Anesthetics drugs

Category: Anesthetics drugs			
Sr. no.	Name of the Drug	Strength	Minimum Quantity
1.1 General Anesthesia (to be given only by a qualified Allopathy anesthetist)			
1.	Ether,		As per requirement
2.	Halothane		As per requirement
3.	Isoflurane*		As per requirement
4.	Ketamine Hydrochloride Injection	10 mg / ml, 50 mg / ml	As per requirement
5.	Nitrous Oxide	medical grade	As per requirement
6.	Oxygen	medical grade	As per requirement
7.	Injection Thiopentone Sodium	0.5 g, 1 g powder	As per requirement
1.2 Local Anesthesia			
8.	Injection Bupivacaine Hydrochloride	0.25%,0.5% 0.5% + 7.5% Glucose	As per requirement
9.	Spray Ethyl Chloride	1%	As per requirement
10.	Injection Lignocaine	Topical Forms 2-5%	As per requirement
11.		Hydrochloride 1-2% Spinal 5% + 7.5% Glucose	As per requirement
12.	Injection Lignocaine Hydrochloride + Adrenaline	1%, 2% +Adrenaline 1:200,000 In vial 1.3	As per requirement
1.3 Preoperative Medication and Sedation for Short Term Procedures			
13.	Injection Atropine Sulphate	0.6 mg / ml	As per requirement
14.	Injection Diazepam	5 mg Injection 5 mg / ml	As per requirement
15.	any other medication as decided by the concerned anesthetist		As per requirement

F.2 Emergency drugs

Category: Emergency Drugs			
Sr. no.	Name of the Drug	Strength	Minimum Quantity
1.	Inj. Adrenaline	As per I.P.	Minimum 10 Ampoules/ Vials
2.	Inj. Atropine	As per I.P.	Minimum 10 Ampoules/ Vials
3.	Inj. Calcium Carbonate	As per I.P.	Minimum 10 Ampoules/ Vials
4.	Inj. Dopamine	As per I.P.	Minimum 10 Ampoules/ Vials
5.	Inj. Dobutamine	As per I.P.	Minimum 10 Ampoules/ Vials
6.	Inj. Nitroglycerine	As per I.P.	Minimum 10 Ampoules/ Vials
7.	Inj. Sodium Bicarbonate	As per I.P.	Minimum 10 Ampoules/ Vials
8.	Inj. Hydrocortisone	As per I.P.	Minimum 10 Ampoules/ Vials
9.	Inhaler Beclomethasone (250 micro/dose)	As per I.P.	Minimum 10 Ampoules/ Vials
10.	Inhaler Salbutamol (200 micrograms)	As per I.P.	Minimum 10 Ampoules/ Vials
11.	Inj. Frusemide	As per I.P.	Minimum 10 Ampoules/ Vials
12.	Inj. Diazepam/Midazolam	As per I.P.	Minimum 10 Ampoules/ Vials
13.	Inj. Deriphyllin	As per I.P.	Minimum 10 Ampoules/ Vials

14.	Inj. Phenytoin sodium	As per I.P.	Minimum 10 Ampoules/ Vials
15.	Inj. Avil	As per I.P.	Minimum 10 Ampoules/ Vials
16.	Inj. Ondansetron	As per I.P.	Minimum 10 Ampoules/ Vials
17.	Inj. KCl	As per I.P.	Minimum 10 Ampoules/ Vials
18.	Inj. Lignocaine 2%	As per I.P.	Minimum 10 Ampoules/ Vials
19.	Inj. Amiodarone	As per I.P.	Minimum 10 Ampoules/ Vials
20.	Inj. Magnesium sulphate	As per I.P.	Minimum 10 Ampoules/ Vials
21.	Inj. Mannitol	As per I.P.	Minimum 10 Ampoules/ Vials
22.	Inj. Morphine/Inj. Pethidine	As per I.P.	Minimum 10 Ampoules/ Vials
23.	Inj. Noradrenaline bitartrate	As per I.P.	Minimum 10 Ampoules/ Vials
24.	Inj. Fentanyl	As per I.P.	Minimum 10 Ampoules/ Vials
25.	water for Injection	As per I.P.	Minimum 10 Ampoules/ Vials
26.	Inj. Sodium Valproate	As per I.P.	Minimum 10 Ampoules/ Vials
27.	Inj. Voveran	As per I.P.	Minimum 10 Ampoules/ Vials
28.	Inj. Paracetamol	As per I.P.	Minimum 10 Ampoules/ Vials
29.	Mannitol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
30.	Metoprolol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
31.	N/2 saline Injection	As per I.P.	Minimum 10 Ampoules/ Vials
32.	Oxygen Inhalation	As per I.P.	Minimum 10 Ampoules/ Vials
33.	Oxytocin Injection	As per I.P.	Minimum 10 Ampoules/ Vials

F.3 General Drugs:

The list of essential drugs to be procured for any homoeopathic hospital shall be in compliance of the [Govt. of India Essential Drug List \(EDL\) – Homoeopathy - 2013](#)

G. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

G.1 Surgical

Sr. no.	Surgical Consumables	Sr. no.	Surgical Consumables
1.	Bandage rolled		Plastic aprons
2.	caps & mask		Prolene
3.	Catgut Chromic a)1 No., 2 No., 1-0 No, 2-0 NO, 8-0		Rubber Mackintosh Sheet in meter
4.	Clinical thermometer		Scalp vein sets no a)19, 20, 21, 22, 23, 24, 25, 26
5.	Developer		Shaving blade -packet of 5
6.	Draw sheets		Small and large plastic bottle for keeping his to histo-pathological samples
7.	ECG Paper Roll		sterial sheets
8.	Ether Anesthetic 500ml		Sterile disposable syringes
9.	Fixer		sterile Dressing pads
10.	Gown		Sterile Infusion sets(Plastic)
11.	Halothane		Sterile Surgical rubber gloves
12.	HIV Kits if necessary		Surgical Disposable
13.	Hypodermic Needle (Pkt of 10 needle) No.19, 20, 21, 22, 23, 24, 25, 26		Surgical Gloves a)6 ", 6.1/2", 7", 7.5"
14.	Indicator tape for sterilization by pressure autoclave		Surgical marking pens/permanent marker ink pen
15.	Isopropyl Alcohol swab		Sutupak 1,1/0,2,2/0
16.	IV Cannula		Syringes 2ml,5ml,10ml, 20ml
17.	Leg drape		tongue depressor
18.	Mackintosh		Ultrasound scan film
19.	Mask		Vicryl No.1
20.	Non Sterile Surgical rubber gloves		X Ray film 50 film packet(in Pkt) size, 6.1/2x8.1/2", 8"x10", 10"x12', 12"x15"

G.2 Dressing Material

Sr. no	Dressing Material	Sr. no	Dressing Material
1.	Absorbent cotton I.P 500gm Net	7	Bandages
2.	Adhesive plaster 7.5cm x 5mtr	8	Gamjee Pad and Rolls
3.	Adhesive tape	9	Rolled Bandage a)6cm,10cm,15cm
4.	Antiseptic cream	10	Sterile & non sterile Gloves of different sizes
5.	Antiseptic solution	11	Sterile cotton, gamjee pads, gauze pieces
6.	Bandage cloth(100cmx20mm)	12	Surgical Gauze (50cmx18m)
7.		13	Suture removal

G.3 Disinfectants: As applicable in adequate quantity

Sr. no	Disinfectants
1.	Hypochlorite 4%-6%
2.	Ortho-phthalaldehyde (OPA)
3.	70% ethanol plus 10ppm Bitrex
4.	Formaldehyde solutions (1%-2%)
5.	Glutaraldehyde
6.	Hydrogen peroxide
7.	Quaternary ammonium compounds
8.	Phenolic germicides

G.4 Tubing

Sr. no	Tubing
1.	Connecting tubing's for endotracheal suction
2.	Connecting tubing's for oxygen delivery
3.	Oxygen catheters
4.	Oxygen masks
5.	Suction catheters
6.	Foley catheters

G.5 Linen

Sr. no	Linen	1 to 10 bed	11 to 25 bed	26 to 50 bed	51 to 100 bed	Teaching hospital
1.	Abdominal sheets for OT	-	30	30	30	30
2.	Abdominal sheets for OT	-	6	10	25	25
3.	Apron for cook	-	As per requirement			
4.	Bed sheets	-	200	300	400	500
5.	Bedspreads	-	300	400	400	500
6.	Blankets	-	one per bed			
7.	Curtain cloth windows and doors	As per requirement				
8.	Doctor's overcoat	one per doctor				
9.	Draw sheet for wards & OT	Two per bed				
10.	Hospital worker OT coat	one per worker	one per worker	one per worker	one per worker	
11.	Leggings	as per patient load				
12.	Mackintosh sheet (in meters)	one per bed				
13.	Mats (Nylon)	one per bed				
14.	Mattress (foam) adults	one per bed				
15.	Pediatric Mattress	one per bed				
16.	Patient house coat (for female)	Two per bed				

17.	Patients pajama (for male) shirts	Two per bed
18.	towels	Two per bed
19.	Perineal sheets for OT	as per patient load
20.	Pillow covers	Two per bed
21.	Pillows	Two per bed
22.	Table cloth	adequate quantity
23.	Uniform / Apron	As per requirement

G.6 Stationery

1	Consent Forms
2	Continuation Sheets for IPD
3	Continuation sheets for OPD
4	Death Certificate Books
5	Diet Cards
6	Diet Sheets
7	Discharge cards
8	Gynecological and Obst. Case sheets
9	Indoor Admission Form & Case Sheets
10	Intake Output Charts
11	Medical Case Sheets
12	Medico-Legal Forms
13	Repertorisation chart
14	Nursing Monitoring Forms
15	OPD Forms
16	Pathological Books
17	Registers
18	Registration Card
19	Sentinel Event Form
20	Supplementary Sheets
21	Surgical Case Sheets
22	Temperature Charts
23	Treatment Cards
24	White Papers
25	X-ray Forms

G.7 Adhesives and gels: NA

G.8 Other: NA

H. Licenses

This includes the minimum statutory compliance applicable as per the Central or State Government along with licensing body.

SN	Name of the Act	Department/ Area	Licensing body
1	Registration under Shops and Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
2	Registration under Clinical Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
3	AERB clearances for CT/ MRI/ X ray & Radiation	Imaging	Atomic Energy Regulatory Board
4	Agreement for Common Biomedical Waste Collection, Transportation, Treatment, Storage and Disposal Facility	Organization	Local Pollution Control Board
5	Registration under Air (prevention and control of pollution) Act, 1981.	Organization	Local Pollution Control Board
6	Approval of Radiation Safety Officer	Imaging	Atomic Energy Regulatory Board
7	Boiler license under Indian Boiler Act, 1923	Boiler	Concerned regulatory Body
8	Building Permit (From the Municipality).	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
9	Certificate for Narcotics & Psychotropic Substances	Pharmacy and / Hospital	Drug Controller
10	Certificate of Registration under society act 1860	Organization	Registrar of societies/ Charity Commissioners office
11	Certificate u/s 80-G of IT Act	Organization	If applicable.
12	Class clearance certificate issued to manufacturer/ importer of mobile X ray equipment	Imaging	AERB Class Clearance issued to Manufacturer/ dealer of imaging equipment
13	Commissioning approval of Linear Accelerator	Radiation Therapy	AERB
14	ESIS registration in case of >20 employees	Organization	Employee State Insurance Company
15	Excise permit to store Spirit.	Organization	Excise department
16	Generator Exhaust air Quality Report	Generator	Authorized Air Testing Laboratory
17	License to sale or distribute drugs Form 20, 21, 21C	Pharmacy	FDA
18	License for procurement & storage & dispensing of Alcohol	Pharmacy	Excise Dept.

19	License for lift	Lift	Mobile Electric Vehicles Department
20	License to play music for public use	Organization	Indian
21	No objection certificate from the Chief Fire Officer.	Organization	Fire Department
22	Obtaining clearances for weighing equipments in all the hospital units under The Standards of Weights and Measures Act, 1976.	Weights and measures	Department of Weights and Measures
23	Occupation Certificate	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
24	PC PNDT Act, 1996.	Sonography	Health Department of Regulatory Body assigned with the responsibility
25	Registration of births and deaths Act, 1969.	Organization	Health Department of Regulatory Body assigned with the responsibility
26	SMPV License for Storage of Liquid Oxygen, Form III (License to compressed gas in pressure vessel or vessels)	Medical Gases in Pressurized Vessels	Licensing Authority
27	TAN Number	Organization	Income Tax Department
28	PAN Number	Organization	Income Tax Department
29	Vehicle Registration certificates for Ambulance	Ambulance and Vehicles owned by the organization	Road Traffic Authority
30	Water Prevention and control of pollution Act	Organization	Pollution Control Board

I. Basic Processes

I.1 Registration (This will help in developing a database at State / Central level)

1. Name,
2. Age,
3. Gender ,
4. Address with PIN code,
5. Marital Status,
6. Contact Number
7. Type of Diet (Veg, Non-veg),
8. OP/ IP Number,
9. Date & Time of visit for OP/ admission for IP,
10. Name of Treating Doctor

I.2 Assessment

1. Primary Complaint of the guest:
2. History of Primary Complaint:
3. History of Medication:
4. History of Implants/ Pacemaker/ Surgery:
5. Past History
6. History of allergies
7. Diet and Lifestyle History
8. Family History
9. Personal History
10. Homoeopathic Characteristics and Observations (Generalities)
11. General Examination
12. Systemic Examination
13. Physical Examination
14. Nutritional Assessment
15. Diagnosis Provisional / Final
16. Repertorisation and Repertorial Totality
17. Miasmatic assessment
18. Totality of Symptoms
19. Final Prescription (after consultation of Materia Medica)
20. Preventive Aspects
21. Plan of Care
22. Treatment

I.3 Infection Control

1. Cleaning: to be done with defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
2. Disinfectants: Defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
3. Advisable to have designated Infection Control Officer for hospital more than 50 beds.
4. Advisable to have designated Infection Control Committee for hospital more than 50 beds.
5. Infection control activities should be monitoring by defined method & schedule.

I.4 Safety considerations

(Surgical safety, infection control, biomedical waste, first aid & basic life support, disaster preparedness)

8. Following physical safety aspects shall be taken care in the hospital

1. AERB safety rules shall be followed in Radiology and other radiation areas.
2. All areas where a physical hazards may occur, like near DG set, transformer, Cylinder storage, electric panels, steep slope etc. shall be provided with safety signage and safety instructions
3. All balconies and opening on higher floors shall have grills
4. All bottles containing acids or alkalis shall be stored on cupboards at height below the shoulder level to prevent them from falling while taking out. It shall never be stored on height above the head level
5. All electric panels shall be enclosed in insulated and nonflammable box and shall be kept locked
6. All entry doors, windows and furniture shall be maintained in good maintained condition
7. All equipments, furniture awaiting condemnation shall be stored in separate condemnation area
8. All stretchers and wheelchairs shall have safety belts for fastening the patient
9. Anti-skid mats shall be placed on entrance of bathrooms
10. Boundary wall of the hospital's campus shall be of sufficient height with metal fencing on top. Entire boundary wall shall be kept in intact condition
11. Corridors and passages shall not be blocked by chairs, tables or equipments
12. Displays of 'floor is wet' or 'under repair' or similar precautions in required areas and time shall be available with the hospital
13. Doors height shall be at least of 8 feet
14. Electric rooms shall not be used as store room or for any other purpose
15. Emergency exit routes shall be kept clear all the times
16. Hospitals ground shall be properly maintained. There shall be no openings, or pits in the ground. The surfaces shall be kept even
17. Lab shall be provided with safety equipments like eye wash cups
18. Material safety data sheet shall be available for all hazardous materials
19. No door shall open towards public areas like crowded lobby etc. (the door shall preferably open towards the inside of room)

20. No inflammable materials like, diesel, LPG, acids etc. shall be stored near electrical panel
21. Personal protective gears shall be available everywhere and in adequate quantity. These include gears like, gloves, masks, gowns, boots, caps, goggles etc. Earplugs shall be provided to staff in areas where there is continuous noise, like AC plant.
22. Protection from stray dogs and other animals shall be ensured in the hospital campus
23. Rubber matting shall be placed on the floors below electric panels
24. Seepage shall not be allowed in areas where electric panels or wires are present
25. Terrace should have side walls of at least 4 feet height
26. The beds shall have provision for providing side guardrails.
27. There should be no losing of electrical wiring. All electrical wiring shall be concealed and kept intact.

9. Surgical safety

1. There are two independent identifiers for each patient. Name of patient with some other independent identifier.
2. Identification bands for patients should be considered in cases where patient cannot be relied upon to give correct information on his own identity. E.g. pediatric, disoriented, altered consciousness, etc.
3. Use of surgical safety check list based on WHO Criteria is used consistently for each procedure and surgical intervention. The Checklist should divide the operation into three phases, each corresponding to a specific time period in the normal flow of a procedure
 - a. the period before induction of anesthesia,
 - b. the period after induction and before surgical incision
 - c. the period during or immediately after wound closure but before removing the patient from the operating room.
4. In each phase the checklist task must be completed before proceeding forward.

10. Infection control:

1. Biological safety assessment is done for all areas of patient care and risks defined for the same.
 - a. Needle Stick Injury and related Transmissions
 - b. Patient to staff, patient to patient and staff to patient risk of transmission of diseases is addressed and preventive measures are instituted.
 - c. Procedure site and surgical site infections are monitored.
2. Preventive measures and remedies for correction are kept available wherever such risk exists.
3. Hand washing practices as per WHO recommended criteria are followed and monitored regularly.
4. Facility and consumables for hand washing are available at convenient locations in the healthcare facility.

5. Adequate equipment and disposables related to personal safety for infection transmission are available to staff and patients in the organization. E.g. equipment like fogging machine, UV sterilizers, Insect Killer Machines and consumables such as Gloves, hand washing materials/ hand gels, surgical Masks, N95 Masks, industrial gloves, etc.

11. Biomedical waste:

Individual homoeopathic clinics as well as hospitals must have provision for handling of biomedical wastes in compliance of the *Bio-Medical Waste Management Rules 2016*. Bio-medical waste shall be segregated in color-coded bags (red, yellow, black, and blue), before storage, treatment, and transportation. All types of waste shall be collected, segregated, packed, transported and disposed according to the regulatory guidelines. Biological Waste Management is to be monitored on regular basis being a part of infection control activities.

9. First aid & basic life support

1. At all times there is a staff member who is adequately qualified and is trained in giving at least Basic Life Support System.
2. Adequate qualifications will include qualified nurse or doctor from any specialization who has undergone training on Basic Life Support.
3. There will be a full resuscitation set maintained for use exclusively during such events, irrespective of existence of similar equipment anywhere else in the hospital.

10. Disaster preparedness: Mandatory for all hospitals of all sizes.

1. Healthcare organization must identify various possible disasters and prepare for the same by stocking necessary consumables, training adequate staff and conducting drills regularly.
2. Keeping equipment in a state of readiness for use during such events.
3. Separate stock is maintained as per the risk perceived for the anticipated disaster(s).
4. Keeping a back-up of consumables at all times in usable condition for use during disaster.
5. Personnel are trained for disaster management
6. Disaster drills are carried out at least once in six months for various disaster anticipated.
7. Anticipated list of disasters can include and is not restricted to any of:
 - a. Fire
 - b. Terrorist attack
 - c. Invasion of swarms of insects and pests.
 - d. Earthquake.
 - e. Civil disorders effecting the Organization.
 - f. Sudden failure of supply of electricity. (Disaster)

I.5 Clinical Records (including consents)

Sr. no	Records
1.	OPD/ IPD Records
2.	Treatment Orders
3.	Medication Records
4.	Procedure Records
5.	Nursing Monitoring Records
6.	Nursing Treatment Records
7.	Reports of investigations
8.	Consents: General Consent at admission, Procedure consents

I.6 Discharge

Discharge Summary should have following details:

1. Primary data of Name, Gender, Age, Address with PIN code, Marital Status, Contact Number, Type of Diet (Veg, Non-veg), OP/ IP Number, Date of visit for OP/ admission for IP, Treating Doctor
2. Primary Complaint of the guest
3. History of Primary Complaint:
4. History of allergies
5. Salient Examination Findings
6. Pain Relief Advice
7. Nutritional Advice
8. Diagnosis – Final
9. Preventive Aspects
10. Treatment Given
11. Details of procedures performed
12. Treatment advised
13. Contact number in case of emergency

Fire safety majors:

Each homoeopathic hospital with indoor facility for 25 beds or more shall have fire safety majors in compliance of the National Building Code of India 2005 relating to the following matters:-

1. Access to building
2. Two Number, Width, Type and Arrangement of exits.
3. Protections of Exits by means of fire check door (s) and or pressurization.
4. Compartmentation.
5. Smoke Management System.
6. Fire Extinguishers.
7. First-Aid Hose Reels.
8. Automatic fire detection and alarming system.
9. MOEFA.

10. Public Address System.
11. Automatic Sprinkler System
12. Internal Hydrants and Yard Hydrants.
13. Pumping Arrangements.
14. Captive Water Storage for fire fighting
15. Exit Signage
16. Provision of Lifts (for G+3 storied buildings)
17. Standby power supply
18. Refuge Area
19. Fire Control Room
20. Special Fire Protection Systems for Protection of special Risks

Dispensary of each homoeopathic hospital shall be equipped with adequate no. of fire extinguishers to deal with the highly inflammable alcohol used for preparation of medicine. At least one fire extinguisher must be there for every 10 liters of alcohol stored either in crude or medicinal form.

RECORDS TO BE MAINTAINED BY THE CLINICAL ESTABLISHMENTS

sn	Record
1	Out Patient Register
2	In Patient Register
3	Operation theater register
4	Labor room register
5	MTP Register
6	Case Records
7	Medico Legal Register
8	Laboratory Register
9	Radiology & Imaging Register
10	Discharge Summary
11	Medical Certificate in Duplicate
12	Complaint Register
13	Birth Register
14	Death Register
15	Bed Charts/Distributions/
16	RMO Duty Register
17	Total Discharges Register
18	Diet Register
19	Cash and Credit Register
20	Staff Attendance Register
21	Stock & Store Register
22	Maintenance Register

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
YOGA**

YOGA STANDARDS FOR

CLINICS/ OPDs

1 TO 10 BEDS

11 TO 25 BEDS

26 TO 50 BEDS

51 TO 100 BEDS

100 AND ABOVE BEDS/TEACHING HOSPITALS

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A. Introduction

A.1 General

The standards thus framed are on account of the minimum requirement of this category of healthcare provider. There are no exclusions. They are dependent on the basic functions of the unit/ hospital/ provider. All sections mentioned are mandatory and include both structure and basic processes.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable (For example common minimum standards framed for a polyclinic are applicable to a polyclinic only and not to a single specialty hospital)

Scope:

Type of Health Care Facility	Scope of Services
Clinic	Outdoor care facility managed by a single Medical Officer/ Physician or a group of Medical Officer/ Physicians/ Therapists trained in concerned system (Yoga) with or without a day care facility. No overnight stay or care is provided here.
Minimum 10 beds	Health Care facility with 10 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or postgraduate qualifications.
11 to 25 Beds	Health Care facility with 11 to 25 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or postgraduate qualifications.
26 to 50 Beds	Health Care facility with 26 to 50 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or postgraduate qualifications.
51 to 100 Beds	Health Care facility with 51 to 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or postgraduate qualifications.
More than 100 Beds	Health Care facility with more than 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or post graduate qualifications.
Teaching Hospital	Health Care facility with minimum 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Medical Officer/ Physician trained in the concerned system (Yoga) having graduate or post graduate qualifications.

B. Functions

This section includes the basic services provided by facilities. It is subdivided into two parts

B.1 Core functions (Clinical services)

(Clinics & Outdoor Patients facilities of health care organizations of Minimum 10 beds, 11 to 25, 26 to 50, 51 to 100, More than 100 beds and Teaching Hospital)

S. No.	Services	Clinic	Minimum 10 beds	11 to 25 beds	26 to 50 beds	51 to 100 beds	More than 100 beds	Teaching Hospital
Minimum Clinical Services to be provided								
1.								Yogic Counseling
2.								Yogic diet
3.								Shatkarma
4.								Nabhi/ Nadi Pareeksha
5.								Yogic Sukshma Vyayama
6.								Yogic Surya Namaskar
7.								Yogasanas
8.								Yoga Nidra
9.								Breathing Practices

10.	Bandha
11.	Pranayamas
12.	Mudra
13.	Mantra chanting
14.	Dharana
15.	Practices leading to Dhyana
16.	Dhyana

Indoor patient's facilities:

The indoor department of the hospital shall have separate male and female wards and distribution of beds at the rate of 65 sq. ft. area per bed ward as under:

S. No.	Services	Minimum 10 beds	11 to 25 beds	26 to 50 beds	51 to 100 beds	More than 100 beds	Teaching Hospital
Minimum Clinical Services to be provided							
1	Yogic Counseling						
2	Yogic diet						
3	Shatkarma						
4	Nabhi/ Nadi Pareeksha						
5	Yogic Sukshma Vyayama						
6	Yogic Surya Namaskar						
7	Yogasanas						
8	Yoga Nidra						
9	Breathing Practices						
10	Bandha						
11	Pranayama						
12	Mudra						
13	Mantra chanting						
14	Dharana						
15	Practices leading to Dhyana						
16	Dhyana						

B.2 Auxiliary Functions (support services for ex – diagnostic)

(Central Laboratory for clinical diagnosis and investigations).

1. There shall be a laboratory in the hospital complex of more than 100 beds with proper infrastructure and manpower for carrying out routine, pathological, biochemical and hematological investigations on the patients referred from outdoor and indoor departments of the hospital.

Support Services:

1. Accounting,
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records

12. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
13. Personnel Department
14. Purchase
15. Reception
16. Security services
17. Stores
18. Waste management Housekeeping/ sanitation,

C. Physical Facilities

C.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

C.1.1 Minimum area required for establishing the facility,

Type of Health Care Organization	Requirements	
	Stand alone building	Part of another building
Clinic	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Minimum area should be adequate to accommodate doctors table, consultation chair, two stools/ chairs, examination bed of the size 6 ft X 2.5 ft., privacy screen around examination area while having free mobility.
1 to 10 bed	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Local regulations related to building structures, occupancy, etc. will be followed.
11 to 25		
26 to 50		
51 to 100		
101 and above / Teaching Hospitals		

C.1.2 Functional space planning of the facility like reception area, waiting area etc.

b. Yoga hall:

1. Space should be available for minimum 30 people to practice Yoga (minimum space requirement per person would be approximately 20 sq. ft.)
2. The hall should be approximately 600 sq.ft area. As per the bed capacity the no. of Yoga Halls shall be increased.
3. Separate Yoga Halls are proposed for male & female with attached dressing room, toilet and bathroom.
4. Shatkarma sthal with clean water facility (hot and cold)

5. Dhyana kaksh
- c. **Yoga Therapy Treatment rooms:** Minimum 50 sq.ft area per Treatment room
- d. **Consultation & Examination room**
 1. Minimum 10ft. x 8 ft.
 2. Consultation room should be adequate to accommodate:
 - ii. Table for Consultancy
 - iii. Consultation chair,
 - iv. Two stools/ chairs,
 - v. X-Ray viewing screen,
 - vi. Examination bed of the size 6 ft X 2.0 ft.,
 - vii. Privacy screen around examination area while having free mobility,
 - viii. Wash Basin for hand wash
- e. **Entrance hall with reception area, enquiry counter, cash counter and record area:**
Preferably 100 sq. ft per 25 beds
- f. **Waiting area in entire organization:** Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital
- g. **Kitchen/ Canteen area:**
 1. Providing food is mandatory for hospitals of having indoor facility.
 2. Kitchen area should be sufficient size to prepare food for inpatients as per diet advised by the physician.
 3. Kitchen layout and functioning should follow the flow of materials as: Entry> washed> cutting> cooking> loading → To Serve.
 4. Utensil washing area is separate from the cooking area.
- h. **Yoga Therapist Quarters:**
Minimum 1 room with attached bathroom & WC, per 2 therapist with separate rooms for male & females with separated sleeping facility with ceiling fan, drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.
- i. **Clinical laboratory specifications:**
 1. Laboratory services can be outsourced or can be optional for hospitals upto 100 beds.
 2. Laboratory services are mandatory for hospitals above 100 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided.
 3. Separate Reporting Room for doctors should be there.
- j. **Laundry (optional)**
 1. Laundry services can be outsourced or can be optional.
 2. If it is provided in house, it should have necessary facilities for drying, pressing and storage of soiled and cleaned linens.
 3. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.
- k. **House-Keeping:**
 1. Housekeeping services should be made available for effective cleanliness.
 2. Housekeeping services can be outsourced.
 3. Designated areas within functional areas for housekeeping materials has to be in hospital more than 30 beds
- l. **Security Services:**
There is a designated location for each security staff on duty.
- m. **Medical record-room:**
 1. Medical record-room should be of adequate size as per the load of the documents of the hospital (Minimum of 50 sq feet).

2. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
3. Fire extinguishers of correct type should be made available nearby all locations.

n. **Store rooms:**

1. Store room should be lockable & of adequate size with exhaust fan.
2. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

14. Wards:

- i. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.
- j. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- k. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.
- l. At the minimum one nursing station per ward of upto 45 beds will be provided.
- m. There should be minimum 50 ft. area per bed with 7 ft. distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and 8 inch distance between the bed and the wall.
- n. Width of the door to be at least 4 feet.
- o. Permanent, semi-permanent or temporary partition should be present between two beds.
- p. Ward store area with lockable wall or steel cupboard(s).

15. Duty rooms for Yoga Therapist

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

16. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

17. Dirty utility room:

Separate area of minimum 15 sq feet.

C.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

C.1.4 Basic signage

1. A signage within or outside the facility should be made available containing the following information.
2. All signage meant for patients and visitors shall be bilingual – Local language and Hindi/ English.

C.1.4.1 Name of the care provider with registration number,

1. Name of organization.
2. Display of Registration under Clinical Establishment Act

C.1.4.2 Fee structure

1. Display of tariff list at OPD/ IPD (wherever applicable) etc.
2. Display of citizen charter in OPD/ IPD (wherever applicable)

C.1.4.3 Timings of the facility

1. Display of OPD timings with names and respective specializations of consultants in OPD

C.1.4.4 Services provided

1. Directional signage at main entrance towards OPD/IPD
2. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths etc.
3. Directional signage within the hospital building for all departments within the building
4. Display of department / area name on the entrance of each area / room / counter
5. Display of hospital layout at various entrances in the hospital
6. Display of hospital's scope of services at OPD and at Campus entrance
7. Floor Plan With Location Of Departments
8. Plan of Facility
9. Usages: departments, OPD & IP room & wards, waiting areas,

C.1.5 Others

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas
15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Routes for all areas
18. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
19. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

C.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements: 1: Furniture/Fixture Requirements for Outpatient Department (OPD)::

Sr. No.	Name of the Equipment	clinic	hospital				
		Clinic	1 to 10 Beds	11 to 25 Beds	26 to 50 Beds	51-100 beds	101 beds and above/ Teaching hospitals
	A chair and a table for doctor	1 set per consultation room					
2.	X-ray viewer	Optional			1 per consultation room		
3.	Two chairs for patients & attendants	1 set per consultation room					
4.	An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room					
5.	Blood pressure apparatus,	1 per consultation room					
6.	Stethoscope	1 per consultation room					
7.	Torch,	1 per consultation room					
8.	Thermometer	1 per consultation room					
9.	Weighing machine.	1 per consultation room					
10.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
11.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					
12.	Refrigerator if temperature sensitive medication are stored (if required)	1 per consultation room					
13.	Computers, (if required)	1 per consultation room					
14.	Telephone equipment	As per requirement					
15.	Air conditioning	As per requirement					
16.	Lockable storage space	As per requirement					
17.	Foot stools	1 per consultation room					

Rooms should be well ventilated.

2: Furniture/Fixture Requirements for In-Patient Department (IPD):							
Sr. No	Name of the Equipment	Minimum 10 bedded hospital	11-25 bedded hospital	26 to 50 bedded hospital	51 to 100 bedded hospital	More than 100 bedded hospital	Teaching hospital
	Adequate wall or steel Cupboards	1	2	4	6	8	10
2.	Arm Board Adult	2	4	6	12	16	24
3.	Back rest	2	4	6	12	16	24
4.	Bain Marie trolley stainless steel 1 per	1 per floor					

	floor						
5.	Bed side cabinets	1 per 5 patients					
6.	Bed side Screen	1 per ward or full length curtains between the beds					
7.	Bucket Plastic			6	12	24	24
8.	Ceiling Fans	As per requirement					
9.	Clock 1 per ward	1 per ward					
10.	Containers for kitchen	As needed					
11.	Consultant's chair for OP & ward,	As needed					
12.	Consultant's or Office table	1	2	3	4	6	8
13.	Dressing trolley-1 per floor/ ward depending on layout	As per need					
14.	Dust bins in each ward & consultation room	As per need					
15.	Duty table for Yoga therapists	As per need					
16.	Fire extinguisher	ABC 1 per ward/ floor based on layout					
17.	Foot stools	As per need					
18.	Fridge	1 Per Area/ Ward					
19.	Heavy duty Torchlight	1 per ward					
20.	Hospital Cots	10+2	30+5	50+5	100+10	150+15	200+20
21.	Hot Water geyser	2 per ward					
22.	Intercom System	2 per ward					
23.	Kitchen utensils,	Adequate					
24.	Office chairs	Adequate					
25.	Office Table	Adequate					
26.	patient Beds with side rails	20% of total beds					
27.	Patient call Bell System	1 per bed					
28.	Patient locker	1 per bed					
29.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	- 1 per ward/ floor a per the profile of patients & layout of facility					
30.	Patients side table	1 per bed					
31.	Steel or Wooden cup board	Adequate					

32.	Steel rack	Adequate
33.	Stool 1Per Bed	As needed
34.	Stools revolving – 1 per ward	2 per ward
35.	Stretcher/ Patient trolley – 1 per ward	1 per ward
36.	waiting chairs / benches for patients relatives	50% of bed strengths
37.	Weighing Machine	1 per ward
38.	Wheel chair	2 per 50 beds
39.	X-ray viewer	one per ward

C.2.2 Sundry Articles Requirement

Furniture/Fixture Requirements								
Hospital Fittings & Necessities								
Sr. No	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
1	Air conditioners Central A/C		Optional			Minimum 1		
2.	Ambulance		Optional				Minimum 1	
3.	Ceiling / wall Fans		As needed					
4.	Clock		1 per ward					
5.	Computer with modem with UPS, printer with internet connection		As needed					
6.	Coolers		As per need					
7.	Drinking Water purifier		As needed					
8.	Emergency lamp		2 Per Area/ Ward					
9.	Exhaust Fan		As needed					
10.	Fire extinguishers		As needed					
11.	Geyser		1 per ward					
12.	Refrigerator		1 per ward					
13.	Storage Geyser		1 per ward					
14.	Tables & Chairs		As needed					
15.	Telephone/ cell phone		1 per ward					
16.	Tube lights		As needed					

17.	Vacuum cleaner	As needed
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C.2.3 Others

Furniture/Fixture Requirements								
Administration								
Sr. No.	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
	Computer with Modem with UPS, Printer with Internet Connection	As needed						
2.	Xerox Machine	As needed		1 per ward				
3.	Intercom (10 lines)	As needed						
4.	Fax Machine	-	As needed					
5.	Telephone	One per organization						
6.	Public Address System	-	Covering Indoor and OPD Areas					

C. 3 Engineering Services Requirements

This will include the detail information about the basic requirements including

C.3.1 Electrical Requirements

7. At least 3 hours backup or generator for critical areas
8. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
9. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
10. The illumination in the hospital is provided as per the prescribed standards.
11. Shadow less lights should be provided in operation theatres and delivery rooms.
12. Emergency portable light units should be provided in the wards and departments.

C.3.2 Plumbing Requirements

7. **Number of Wash basins**
 - i. 1 for every 20 persons or part there
 - ii. Consultant, Therapist, staff, patients and visitors have an access to wash basin(s) 1 for every 50 persons or part there.
 - iii. Dirty utility & surgical / procedural hand wash basin will be separate from general use & one each.
8. **Number of Water closets**
 - i. 1 for every 20 beds or part thereof.
 - ii. Consultant, Therapist, staff, patients and visitors have an access to wash closet(s) 20 beds or part thereof.
9. **For in-patient department**
 - a. No. of Wash basins
 1. 1 for every 12 beds or part thereof

2. Consultant, Therapist, patients and visitors have an access to wash basin(s);
 3. Procedure hand wash basins are separate and located close to procedure area.1 for every 12 beds or part thereof
- b. No. of Water closets
- iv. 1 for every 6 beds or part thereof
 - v. Separate water closets are available for use for outpatient and in-patient areas.
 - vi. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.
- c. No. of bathrooms
- i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
 - ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms
- d. WC
- i. Minimum 1 WC per 6 beds/ one for each Male & Female wards
 - ii. Average size of toilet : 810 mm X 1800mm with grab bars
 - iii. Minimum 1 WC per 6 beds/ one for each Male & Female wards
 - iv. At least one wheel chair friendly toilet of dimensions 2200mm X 1800mm must be provided.

C.3.3 Civil Requirements

7. Space between 2 rows of beds in a ward should be minimum 5 ft.
8. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
9. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with functional wheels and at least 4 feet if beds do not have functional wheels.
10. If there are no beds then this requirement is not applicable.
11. Size of hospital bed should be minimum 6' x 3'
12. Area per bed should be Minimum 50 sq. ft. / bed

C.3.4 HVAC/ AC/ Ventilation/ Cross Ventilation Requirements

4. Air-conditioning and Room Heating in operation theatre and neo-natal units should be provided.
5. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
6. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.

C.3.5 Others

2. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

C.4 Public Utilities

C.4.1 Safe drinking water

3. Round the clock availability of safe drinking water for patients, staff and visitors.
4. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

C.4.2 Sanitary Requirements

5. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.
6. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
7. Separate provision for firefighting should be available.
8. Water softening plant should be considered where hardness of water is a major problem.

Drainage and Sanitation

3. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.
4. **Waste Disposal System:** National guidelines on Bio-Medical Waste Management and a Notification of Environment and Forests are at Annexure - I.

D. Equipments /instruments

This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings

D.1 Therapeutic equipments

1: Outpatient department (OPD)

1: Equipments /Instruments Requirements for Outpatient Department (OPD)::									
S. No.	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital	
	A chair and a table for Consultant		1 per consultation room						
2.	X-ray viewer		1 per consultation room						
3.	An examination table of 6 ft. X 2.5 ft. With privacy screen		1 per consultation room						
4.	Blood pressure apparatus,		1 per consultation room						
5.	Stethoscope		1 per consultation room						
6.	Torch		1 per consultation room						
7.	Thermometer		1 per consultation room						
8.	Weighing machine.		1 per consultation room						
9.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.		As per requirement						
10	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination		As per requirement						

2: In-Patient Department (IPD)

2:Equipments /instruments for In-Patient department (IPD):							
Sr. No.	Name of the Equipment	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
	Back rest	As per requirement					
2.	Bain marie trolley stainless steel 1 per floor	As per requirement					
3.	Biomedical waste colour coded bins	Each per floor					
4.	Clock per ward	1 per ward					
5.	Containers for kitchen	As required					
6.	Dust bins in each ward & consultation room	1 per ward					
7.	Fridge	As required					
8.	Heavy duty Torch light – 1 per ward	1 per ward					
9.	Intercom System	As required					
10.	Non mercury Thermometer clinical – 1 per ward	1 per ward					
11.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward					
12.	Sphygmomanometers-Stand Type 1& Portable (aneroid or Digital) Type X 1 – 1 per ward	1 per ward					
13.	Stretcher/ Patient trolley – 1 per ward	1 per ward					
14.	Weighing Machine – 1 per ward	1 per ward					
15.	X-ray viewer – one per ward	1 per ward					

3: Yoga Therapy Section

3: Equipment /instruments for Yoga Therapy Section								
S.No	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
1.	Yoga Mats	10	10	25	50	100	100	100
2.	Jalneti Pots	10	10	25	50	100	100	100
3.	Sutra Neti	Each patient should have one						
4.	Vastra Dhauti	Each patient should have one						
5.	Steel Drum with Water Heater	1	2	4	6	8	8	8
6.	Water Jugs	5	10	20	30	60	80	80
7.	Trataka Stands	2	5	5	10	20	30	30
8.	Darries big	2	5	10	10	15	20	20

Other equipments are Yoga props such as Cushions, Wooden Blocks, Planks, Ropes etc.

D.3 Diagnostic equipment

1: Laboratory Equipments

1. Laboratory Equipment (wherever service is provided)								
Sr. No	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
	Alarm clock	Optional	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward
2.	Automatic cell counter	Optional	Optional	Optional	Minimum 1	Minimum 1	Optional	Minimum 1
3.	Auto analyzer/ Semi auto analyzer	Optional	Optional	Optional	Optional	Optional	Optional	Optional
4.	Binocular Microscope	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
5.	Chemical Balances	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
6.	Counting chamber	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
7.	Electric Colorimeter	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
8.	Electric centrifuge, table top	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
9.	ESR stand with tubes	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
10.	flame photometer	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
11.	Glucometer	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward	1 Per Area/ Ward
12.	Hemoglobinometer	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1	Minimum 1
13.	Hot air oven	As needed	As needed	As needed	As needed	As needed	As needed	As needed
14.	Hot plates	As needed	As needed	As needed	As needed	As needed	As needed	As needed
15.	Lab Incubator*	As needed						
16.	Laboratory Auto Claves	As needed						
17.	Micro pipette of different volumes	As needed						
18.	PH meter	As needed						
19.	Refrigerator	Minimum 1						
20.	Rotor / Shaker	Minimum 1						
21.	Simple balances	Minimum 1						
22.	Spirit lamp	Minimum 1						
23.	TCDC count apparatus	As needed						
24.	Test tube holders	As needed						
25.	Test tube rack	As needed						
26.	Test tube stands	As needed						

1. Laboratory Equipment (wherever service is provided)								
Sr. No	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11- 25 bedded Hospital	26 - 50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded hospital	Teaching Hospital
	Timer stop watch	As needed						
2.	Water bath	As needed						

E. Manpower

This includes the Designation, minimum qualification & number of people required in the facility.

E.1 Medical practitioners

9. **Category:** Yoga Physician/ Medical Officer

10. **Minimum Qualifications:**

A graduate of Bachelor of Naturopathy & Yogic Science (BNYS) (of 5 or 5½ years regular course) from a recognized University **OR** A medico with a full time regular PG Diploma/ Diploma in Yoga (after degree) of minimum one year duration from a recognized University/ Institute of repute with experience in treating the patients through Yoga in a Hospital or Institute of repute.

11. **Registration:** (if applicable): with State Governments

12. **Trained/ skilled:** Trained

Strength (The minimum number of staff required as per the function.)

Sr. no.	Medical Officer/ Yoga Physicians	Hospital Superintendent / Administrator	Medical Officer/ Yoga Physicians
1.	Clinics	-	2 (1 Male/ 1 Female)
2.	Minimum 10 beds	1	4 (2 Male/ 2 Female)
3.	11 to 25 beds	1	2 (Male) + 2 (Female)
4.	26 to 50 beds	1	3 (Male) + 3 (Female)
5.	51 to 100 beds	1	4 (Male) + 4 (Female)
6.	More than 100 beds	1	6 (Male) + 6 (Female)
7.	Teaching Hospital	1	6 (Male) + 6 (Female)

E.2 Therapists:

13. **Category:** Yoga Therapist

14. **Minimum Qualifications:** A regular PG degree in Yoga/ Regular Degree in Yoga/ Regular degree in Yoga & Naturopathy from a recognized University with minimum 55% of marks **OR** Any degree with minimum 55% of marks from a recognized University and minimum one year regular PG Diploma/ Diploma in Yoga Therapy/ Yoga Science with minimum 55% of marks from a recognized University/Institute of National repute with minimum six years Post Qualification experience in treating patient in hospitals or in a reputed Yoga Institute.

15. **Registration:** (if applicable): Not applicable

16. **Trained/ skilled:** Trained

Strength: Minimum 2 per treatment room; male and female separate; i.e. minimum 2 male technicians or 2 female technicians for a treatment room.								
Sr. no	Yoga therapists	Clinic	Minimum 10 bed	11-25 bed	26- 50 bed	51- 100 Bed	More than 100 Bed	Teaching Hospital
1.	Yoga Therapists (Female)	2	2	4	5	6	8	10
2.	Yoga Therapist (Male)	2	2	4	5	6	8	10
3.	Yoga Therapy Assistant	1	1	2	2	4	5	5

	(Female)							
4.	Yoga Therapy Assistant (Male)	1	1	2	2	4	5	5

E.3 Non-technical staff

13. **Category:** Non-technical staff

14. **Minimum Qualifications:** As per rule

S. no	Non-technical	Minimum qualification	Clinic	Min. 10 bedded Hospital	11- 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded Hospital	Teaching hospital
1.	Clerk for Billing	Minimum qualification- 12th Standard passed.	-	1	1	1	1	2	2
2.	Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	As per requirement						
3.	Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle with State Road Transport Office. If driving an ambulance, specific training is required.	As per requirement						
4.	Electrician	If exists, Diploma in Electrical Engineering.	-	-	1	1	1	1	1
5.	Hospital worker (OP/ward +OT)	Eight standard completed	1	2	4	6	6	10	10
6.	Housekeeping Staff	Ability to read national or local language	-	-	1	2	2	4	4
7.	Kitchen Servant (if food is cooked in-house)	-	As per requirement						
8.	Laboratory Attendant (Hospital Worker) (if lab is in-house)	Ability to read national or local language	As per requirement						
9.	Laboratory Technician (if Lab is in-house)	Qualified Laboratory Technician	As per requirement						
10.	Maintenance person	If exists, Diploma in Electrical Engineering.	As per requirement						
11.	Medical Records Officer/ Technician	Minimum qualification- 12th Standard passed.	-	-	-	-	1	1	1
12.	Peon	Eight standard completed	As per requirement						
13.	Plumber	-	-	-	-	1	1	1	1
14.	Sanitary Worker	1	2	2	4	6	6	8	8
15.	store keeper/ Manager	Minimum qualification- 12th	-	-	-	1	1	1	1

		Standard passed.						
16.	Therapy Assistant Minimum 1	Eight standard completed and Certificate in Yoga	As per requirement					
17.	Ward Ayah Minimum 1 per ward/ floor	Eight standard completed	As per requirement					
18.	Ward boy Minimum 1 per ward/ floor	Eight standard completed	As per requirement					

E.5 Administrative staff: The number would vary as per requirement and may be outsourced.

Administrative staff								
S. No	Administrative staff	Clinic	Min. 10 bedded Hospital	11- 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded Hospital	Teaching hospital
	Office Superintendent/ Hospital Administrator	-	-	1	1	1	1	1
2.	Accountant	-	-	1	1	1	1	1
3.	IT Technicians	-	-	-	-	1	1	1
4.	Security Staff*	1	3	6	6	9	9	9

G. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

G.5 Linen

Sr. no	Linen	Clinic	Min. 10 bedded Hospital	11- 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded Hospital	More than 100 bedded Hospital	Teaching hospital
1.	Apron for cook	-	As per need					
2.	Bed sheets	As per need						
3.	Bedspreads	As per need						
4.	Blankets	-	one per bed					
5.	Curtain cloth windows and doors	As per need						
6.	Overcoat for consultant	one per consultant						
7.	Mats (Nylon)	As per need	one per bed					
8.	Mattress (foam) adults	-	one per bed					
9.	Pediatric Mattress	-	one per bed					
10.	Patient house coat (for female)	-	Two per bed					
11.	Patients pajama (for male) shirts	-	Two per bed					
12.	towels	10	Two per bed					
13.	Pillow covers	10	Two per bed					
14.	Pillows	4	Two per bed					
15.	Table cloth	adequate quantity						
16.	Uniform / Apron	As per need						

G.6 Stationery

Sr. no.	Items
1.	Consents Forms
2.	Continuation Sheets for IPD
3.	Continuation sheets for OPD
4.	Diet Cards
5.	Diet Sheets
6.	Discharge cards
7.	Indoor Admission Form & Case Sheets
8.	Intake Output Charts
9.	Nursing Monitoring Forms
10.	OPD Forms
11.	Pathological Books
12.	Registers
13.	Registration Card
14.	Sentinel Event Form
15.	Supplementary Sheets
16.	Temperature Charts
17.	Treatment Cards
18.	White Papers
19.	X-ray Forms

H. Licenses

This includes the minimum statutory compliance applicable as per the central or state government along with licensing body.

S. No.	Name of the Act	Department/Area	Licensing body
1.	Registration under Shops and Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
2.	Registration under Clinical Establishment Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
3.	AERB clearances for CT/ MRI/ X ray & Radiation	Imaging	Atomic Energy Regulatory Board
4.	Agreement for Common Biomedical Waste Collection, Transportation, Treatment, Storage and Disposal Facility	Organization	Local Pollution Control Board
5.	Registration under Air (prevention and control of pollution) Act, 1981.	Organization	Local Pollution Control Board
6.	Approval of Radiation Safety Officer	Imaging	Atomic Energy Regulatory Board
7.	Boiler license under Indian Boiler Act, 1923	Boiler	Concerned regulatory Body
8.	Building Permit (From the Municipality).	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
9.	Certificate for Narcotics & Psychotropic Substances	Pharmacy and / Hospital	Drug Controller
10.	Certificate of Registration under society act 1860	Organization	Registrar of societies/ Charity Commissioners office
11.	Certificate u/s 80-G of IT Act	Organization	If applicable.
12.	Class clearance certificate issued to manufacturer/ importer of mobile X ray equipment	Imaging	AERB Class Clearance issued to Manufacturer/ dealer of imaging equipment
13.	Commissioning approval of Linear Accelerator	Radiation Therapy	AERB

14.	ESIS registration in case of >20 employees	Organization	Employee State Insurance Company
15.	Excise permit to store Spirit.	Organization	Excise department
16.	Generator Exhaust air Quality Report	Generator	Authorized Air Testing Laboratory
17.	License to sale or distribute drugs Form 20, 21, 21C	Pharmacy	FDA
18.	License for lift	Lift	Mobile Electric Vehicles Department
19.	License to play music for public use	Organization	Indian
20.	No objection certificate from the Chief Fire Officer.	Organization	Fire Department
21.	Obtaining clearances for weighing equipments in all the hospital units under The Standards of Weights and Measures Act, 1976.	Weights and measures	Department of Weights and Measures
22.	Occupation Certificate	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
23.	PCPNDT Act, 1996.	Sonography	Health Department of Regulatory Body assigned with the responsibility
24.	Registration of births and deaths Act, 1969.	Organization	Health Department of Regulatory Body assigned with the responsibility
25.	SMPV License for Storage of Liquid Oxygen, Form III (License to compressed gas in pressure vessel or vessels)	Medical Gases in Pressurized Vessels	Licensing Authority
26.	TAN Number	Organization	Income Tax Department
27.	PAN Number	Organization	Income Tax Department
28.	Vehicle Registration certificates for Ambulance	Ambulance and Vehicles owned by the organization	Road Traffic Authority
29.	Water Prevention and control of pollution Act	Organization	Pollution Control Board

I. Basic Processes

I.1 Registration (This will help in developing a database at State / Central level).

1. Name,
2. Age,
3. Gender ,
4. Address with PIN code,
5. Marital Status,
6. Contact Number,
7. Type of Diet (Veg, Non-veg),
8. OP/ IP Number,
9. Date & Time of visit for OP/ admission for IP,
10. Name of Treating Consultant / Therapist

I.2 Assessment

1. Primary Complaint of the guest:
2. History of Primary Complaint:
3. History of Medication:
4. History of Implants/ Pacemaker/ Surgery:
5. Past History
6. History of allergies
7. Diet and Lifestyle History
8. Family History
9. Personal History

10. General Examination
11. Systemic Examination
12. Physical Examination
13. Pain Scoring
14. Nutritional Assessment
15. Diagnosis Provisional / Final
16. Preventive Aspects
17. Plan of Care
18. Treatment

I.3 Infection Control

1. Cleaning: to be done with defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
2. Disinfectants: Defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
3. Advisable to have designated Infection Control Officer for hospital more than 50 beds.
4. Advisable to have designated Infection Control Committee for hospital more than 50 beds.
5. Infection control activities should be monitoring by define method & schedule.

I.4 Safety considerations

(Surgical safety, infection control, biomedical waste, first aid & basic life support, disaster preparedness)

12. Following physical safety aspects shall be taken care in the hospital

1. AERB safety rules shall be followed in Radiology and other radiation areas.
2. All areas where a physical hazards may occur, like near DG set, transformer, Cylinder storage, electric panels, steep slope etc. shall be provided with safety signage and safety instructions
3. All balconies and opening on higher floors shall have grills
4. All bottles containing acids or alkalis shall be stored on cupboards at height below the shoulder level to prevent them from falling while taking out. It shall never be stored on height above the head level
5. All electric panels shall be enclosed in insulated and nonflammable box and shall be kept locked
6. All entry doors, windows and furniture shall be maintained in good maintained condition
7. All equipments, furniture awaiting condemnation shall be stored in separate condemnation area
8. All stretchers and wheelchairs shall have safety belts for fastening the patient
9. Anti-skid mats shall be placed on entrance of bathrooms
10. Boundary wall of the hospital's campus shall be of sufficient height with metal fencing on top. Entire boundary wall shall be kept in intact condition
11. Corridors and passages shall not be blocked by chairs, tables or equipments
12. Displays of 'floor is wet' or 'under repair' or similar precautions in required areas and time shall be available with the hospital
13. Doors height shall be at least of 8 feet
14. Electric rooms shall not be used as store room or for any other purpose
15. Emergency exit routes shall be kept clear all the times
16. Hospitals ground shall be properly maintained. There shall be no openings, or pits in the ground. The surfaces shall be kept even
17. Lab shall be provided with safety equipments like eye wash cups
18. Material safety data sheet shall be available for all hazardous materials
19. No door shall open towards public areas like crowded lobby etc. (the door shall preferably open towards the inside of room)
20. No inflammable materials like, diesel, LPG, acids etc. shall be stored near electrical panel
21. Personal protective gears shall be available everywhere and in adequate quantity. These include gears like, gloves, masks, gowns, boots, caps, goggles etc. Earplugs shall be provided to staff in areas where there is continuous noise, like AC plant.
22. Protection from stray dogs and other animals shall be ensured in the hospital campus
23. Rubber matting shall be placed on the floors below electric panels
24. Seepage shall not be allowed in areas where electric panels or wires are present
25. Terrace should have side walls of at least 4 feet height

26. The beds shall have provision for providing side guardrails.
27. There should be no losing of electrical wiring. All electrical wiring shall be concealed and kept intact

13. Infection control:

1. Biological safety assessment is done for all areas of patient care and risks defined for the same.
 - a. Needle Stick Injury and related Transmissions
 - b. Patient to staff, patient to patient and staff to patient risk of transmission of diseases is addressed and preventive measures are instituted.
 - c. Procedure site and surgical site infections are monitored.
2. Preventive measures and remedies for correction are kept available wherever such risk exists.
3. Hand washing practices as per WHO recommended criteria are followed and monitored regularly.
4. Facility and consumables for hand washing are available at convenient locations in the healthcare facility.
5. Adequate equipment and disposables related to personal safety for infection transmission are available to staff and patients in the organization. E.g. equipment like fogging machine, UV sterilizers, Insect Killer Machines and consumables such as Gloves, hand washing materials/ hand gels, surgical Masks, N95 Masks, industrial gloves, etc.

14. Biomedical waste:

1. Biomedical waste is collected, segregated, packed, transported and disposed according to the regulatory guidelines.
2. Biological Waste Management is monitored on regular basis.
3. Biomedical waste disposal is a part of infection control activities.

4. First aid & basic life support

1. At all times there is a staff member who is adequately qualified and is trained in giving at least Basic Life Support System.
2. Adequate qualifications will include qualified nurse or therapist from any specialization who has undergone training on Basic Life Support.
3. There will be a full resuscitation set maintained for use exclusively during such events, irrespective of existence of similar equipment anywhere else in the hospital.

Disaster preparedness: Mandatory for all hospitals of all sizes.

1. Healthcare organization must identify various possible disasters and prepare for the same by stocking necessary consumables, training adequate staff and conducting drills regularly.
2. Keeping equipment in a state of readiness for use during such events.
3. Separate stock is maintained as per the risk perceived for the anticipated disorder(s).
4. Keeping a back-up of consumables at all times in usable condition for use during disaster.
5. Personnel are trained for disaster management
6. Disaster drills are carried out at least once in six months for various disaster anticipated.
7. Anticipated list of disasters can include and is not restricted to any of:
 - a. Fire
 - b. Terrorist attack
 - c. Invasion of swarms of insects and pests.
 - d. Earthquake.
 - e. Civil disorders effecting the Organization.
 - f. Sudden failure of supply of electricity. (Disaster)

I.5 Clinical Records (including consents)

Sr. no	Records
1.	OPD/ IPD Records
2.	Treatment Orders
3.	Medication Records
4.	Procedure Records
5.	Nursing Monitoring Records
6.	Nursing Treatment Records
7.	Reports of investigations
8.	Consents: General Consent at admission, Procedure consents

I.6 Discharge

3. Discharge Summary should have following details:
 - a. Primary data of Name, Gender, Age, Address with PIN code, Marital Status, Contact Number, Type of Diet (Veg, Non-veg), OP/ IP Number, Date of visit for OP/ admission for IP, Treating Consultant/ Therapist
 - b. Primary Complaint of the guest
 - c. History of Primary Complaint:
 - d. History of allergies
 - e. Salient Examination Findings
 - f. Pain Relief Advice
 - g. Nutritional Advice
 - h. Diagnosis – Final
 - i. Preventive Aspects
 - j. Treatment Given
 - k. Details of procedures performed
 - l. Treatment advised
 - m. Contact number in case of emergency

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
NATUROPATHY**

NATUROPATHY STANDARDS FOR

CLINICS,

1 TO 10 BEDS

11 TO 25 BEDS

26 TO 50 BEDS

51 TO 100 BEDS

100 AND ABOVE BEDS/TEACHING HOSPITALS

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A Introduction

A.1 General

The standards thus framed are on account of the minimum requirement of this category of healthcare provider. There are no exclusions. They are dependent on the basic functions of the unit/hospital/provider. All sections mentioned are mandatory and include both structure and basic processes.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable (For example common minimum standards framed for a polyclinic are applicable to a polyclinic only and not to a single specialty hospital)

Scope:

Type of Health Care Facility	Scope of Services
Clinic	Outdoor care facility managed by a single Naturopathy Physician or a group of Naturopathy Physicians with or without a day care facility. No overnight stay or care is provided here.
1 to 10 beds	Health Care facility with 1 to 10 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Naturopathy Physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
11 to 25 beds	Health Care facility with 11 to 25 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Naturopathy Physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
26 to 50 Beds	Health Care facility with 26 to 50 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Naturopathy Physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
51 to 100 Beds/	Health Care facility with 51 to 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Naturopathy Physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
101 Beds and	Health Care facility with 101 to 200 beds for indoor care and ability

above/ Teaching hospitals	to monitor and treat patients requiring an overnight stay. Care is provided by Naturopathy Physician trained in the concerned system of medicine having graduate or preferably postgraduate qualifications. In teaching hospitals student, patient bed ratio should be 1:2. For 50 students intake 100 bed capacity should be mandatory.
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B. Functions

This section includes the basic services provided by facilities. It is subdivided into two parts

B.1 Core functions (Clinical services)

(OPD Clinics & Outdoor Patient's facilities in health care organizations with 1 to 100 and above bed strengths)

Minimum Clinical Services to be provided

Sn	Services	Clinic	1 to 10 beds	11 to 25 beds	26 to 50 beds	51 to 100 beds	101 and above/ Teaching Hospital
1.	Consultation						
2.	Massage	Optional	Massage				
3.	Enema	Optional	Enema				
4.	Mud Bath	Optional	Mud Bath				
5.	Colour Therapy	Optional	Optional				Colour Therapy
6.	Thermoleums	Optional	Optional				Thermoleums
7.	Hydro therapy	Optional	Hydro therapy				
8.	Yoga Therapy	Yoga Therapy					
9.	Physiotherapy	Optional	Physiotherapy				
10.	Acupuncture/ Acupressure	Acupuncture/ Acupressure					
11.	Diet Centre	Optional	Diet Centre				

Indoor patient's facilities:

The indoor department of the hospital shall have separate male and female wards and distribution of beds at the rate of 65 sq. ft. area per bed with the following facilities:-

Sn	1 to 10 beds	11 to 25 beds	26 to 50 beds	51 to 100 beds	In 101 and above/teaching hospitals
1	Consultation				
2	Massage Therapy				
3	Enema				
4	Mud Therapy Mud pack, Mud Applications Mud Bath			Mud Bath	
5	Colour /Chromo Therapy Optional			Colour Therapy	
6	Thermoleums Optional			Thermoleums	
7	Steam Bath				
8	Hydro Therapy				
9	Air Therapy Optional		Air Therapy		
10	Magnet Therapy Optional			Magnet Therapy	
11	Sauna Bath Optional			Sauna Bath	Sauna Bath
12	Green Leaves Sun Bath Optional				
13	Hot & Cold Fomentation				
14	Wet Sheet Pack, Chest Pack, Abdomen Pack, Trunk Pack				
15	Knee Pack, Neck Pack, Wet Girdle Pack			Knee Pack, Neck Pack, Wet Girdle Pack	
16	Colon Irrigation Optional			Colon Irrigation	
17	Deluxe Hydro Massage, Jacuzzi Optional			Deluxe Hydro Massage, Jacuzzi	
18	Hot and Cold Water Douches, Effusions Optional		Hot and Cold Water Douches, Effusions		
19	Whirlpool Bath Optional			Whirlpool Bat	
20	Under Water Exercises Optional			Under Water Exercises	
21	Acupuncture				
22	Acupressure				
23	Reflexology				
24	Physiotherapy Treatments - Exercise Therapy, Electro Therapy Optional		Physiotherapy Treatments - Exercise Therapy, Electro Therapy		
25	Yoga therapy				
26	Diet center				

B.2 Auxiliary Functions (support services for eg – diagnostics)

(Central Laboratory for clinical diagnosis and investigations).

2. There shall be a laboratory in the hospital complex of more than 100 beds with proper infrastructure and manpower for carrying out routine,

pathological, biochemical and hematological investigations on the patients referred from outdoor and indoor departments of the hospital.

3. In the absence of the above facility, the hospital should have collaboration with a well- equipped laboratory for all the purposes given above.

Support Services:

1. Accounting
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records
12. Preparation area
13. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
14. Personnel Department
15. Purchase
16. Reception,
17. Security services
18. Stores
19. Waste management Housekeeping/ sanitation

C.Physical Facilities

C.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

C.1.1 Minimum area required for establishing the facility,

Type of Health Care Organization	Requirements	
	Stand alone building	Part of another building
Clinic	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Minimum area should be adequate to accommodate doctors table, consultation chair, two stools/ chairs, examination bed of the size 6 ft X 2.5 ft., privacy screen around examination area while having free mobility.
1 to 10 bed	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Local regulations related to building structures, occupancy, etc. will be followed.
11 to 25		
26 to 50		
51 to 100		
101 and above / Teaching Hospitals		

C.1.2 Functional space planning for the facility like reception area, waiting area etc.

1. Treatment rooms:

- a. Maximum 15 Treatments/Day/Treatment Room.
- b. Number of treatments will depend on type & nature of treatments.

2. Consultation & examination room

- a. Minimum 10 ft. x 10 ft.
- b. Consultation room should be adequate to accommodate:
 - i. Doctors table,
 - ii. Consultation chair,
 - iii. Two stools/ chairs,
 - iv. Examination bed of the size 6 ft X 2.5 ft.,
 - v. Privacy screen around examination area while having free mobility.

3. Dispensary / Health Shop Space:

- a. The room should be located in an area conveniently accessible

- b. Temperature & humidity to be maintained as per the requirement of the clients basing on their number/ rush.
- c. The size should be adequate to contain 5 percent of the total clinical visits to the OPD in one session for hospitals more than 50 beds.
- d. Room should have adequate material storage and dispensing facility for indoor and outdoor patients.

4. Entrance hall with reception area, enquiry counter, cash counter and record area

- a. Preferably 100 sq. ft per 25 beds

5. Waiting area in entire organization

- a. Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital.

6. Kitchen area: Except clinic, applicable in hospitals of all size.

- a. Kitchen area should be sufficiently sized to prepare food for inpatients as per diet advised by the physician
- b. Kitchen layout and functioning should follow the flow of materials as: Entry → washed → cutting → cooking → loading → To Serve
- c. Utensil washing area is separate from the cooking area.
- d. Preparation area:
- e. Preparation area should be of minimum 50 sq. ft: only if medications are prepared in the hospital.

7. Consumables Stores space:

- a. The consumables store may be part of a hospital or separate and secured.
- b. Area should be clean, well-ventilated, well lit, without any dampness or fungal growth on walls.

8. Therapist Quarters:

- a. Minimum 1 room with attached bathroom & WC, per 2 doctors with separate rooms for male & females with separated sleeping facility with ceiling fan, drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.

9. Nursing station/ duty room (Nurses):

- a. One nursing station/room per 15 beds.
- b. Applicable for clinics only if there is a day care ward.
- c. Nursing stations should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- d. Station should accommodate all nurses on duty at any time.

10. Clinical laboratory specifications:

- a. Laboratory services can be outsourced or can be optional for hospitals upto 100 beds.
- b. Laboratory services are mandatory for hospitals above 100 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided.
- c. Separate Reporting Room for doctors should be there.
- d. In the absence of the above facility the hospital should have collaboration with a well- equipped laboratory for all the purposes given above.

11. Laundry (optional)

- a. Laundry services can be outsourced or can be optional.
- b. If it is provided in house, it should have necessary facilities for drying, pressing and storage of soiled and cleaned linens.
- c. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.

12. House-Keeping:

- a. Housekeeping services should be made available for effective cleanliness.
- b. Housekeeping services can be outsourced.
- c. Designated areas within functional areas for housekeeping materials has to be in hospital of more than 30 beds

13. Security Services:

- a. There is a designated location for each security staff on duty.

14. Medical record-room:

- a. Medical record-room should be of adequate size as per the load of the documents of the hospital.
- b. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
- c. Fire extinguishers of correct type should be made available nearby all locations.

15. Store rooms:

- a. Store room should be lockable & of adequate size with exhaust fan.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

16. Wards:

- q. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.

- r. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- s. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.
- t. One nursing station per ward of upto 50 beds will be provided at the minimum.
- u. There should be minimum 70 ft. area per bed with 7 ft. distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and 8 inch distance between the bed and the wall.
- v. Width of the door to be at least 4 feet.
- w. Permanent, semi-permanent or temporary partition should be present between two beds.
- x. Ward store area with lockable wall or steel cupboard(s).

17. Duty rooms for Therapist

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

18. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

19. Duty rooms for technicians:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

20. Dirty utility room:

- a. Separate area of minimum 15 sq feet.

21: Therapy Unit or treatment room:

- a. The department is more frequently visited by out-patients and IPD patients but should be located at a place which may be at convenient access to both outdoor and indoor patients with privacy.

22. Diet center:

- a. Diet Centre to cater to the Diet Therapy.

- b. Minimum 50 chairs and dining table or wooden long bench on the floor to accommodate patients.

C.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

Specifications of Naturopathy Section:

1. Room Size: 10 ft. X 8 ft. (As size of massage table 7ft X 3 ft. the size of room should be 10ft X 8 ft.).
2. Mandatory, if procedures are done.
3. Separate unit is proposed for male & female with attached toilet and bathroom .
4. Optional and depending on work load. If more than 15 procedures are carried out per day, separate rooms should be provided.

C.1.4 Basic signage

1. A signage within or outside the facility should be made available containing the following information.
2. *All signage meant for patients and visitors shall be bilingual – Local language and Hindi / English.

C.1.4.1 Name of the care provider with registration number,

1. Name of organization.
2. Display of Registration under Clinical Establishments Act

C.1.4.2 Fee structure

1. Display of tariff list at OPD, Emergency etc.
2. Display of citizen charter in OPD and emergency

C.1.4.3 Timings of the facility

1. Display of OPD timings with names and respective specializations of consultants in OPD

C.1.4.4 Services provided

1. Directional signage at main entrance towards emergency and OPD
2. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths, shops
3. Directional signage within the hospital building for all departments within the building
4. Display of department / area name on the entrance of each area / room / counter

5. Display of hospital layout at various entrances in the hospital
6. Display of hospital's scope of services at OPD, Emergency and at Campus entrance
7. Floor Plan With Location of Departments
8. Plan of Facility
9. Usages: departments, OPD & IP room & wards, waiting areas.

C.1.5 Others

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD, emergency and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas
15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Notice board in Operation theatre
18. Routes for all areas
19. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
20. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988
21. CCTV – Surveillance camera in common places like entrance/ reception

C.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements:

1: Requirements for Outpatient Department (OPD):

Sn	Name of the Equipment	clinic	hospital				
		Clinic	1 to 10 Beds	11 to 25 Beds	26 to 50 Beds	51-100 beds	101 beds and above/ Teaching hospitals
	A chair and a table for doctor	1 set per consultation room					
2.	X-ray viewer	Optional	1 per consultation room				
3.	Two chairs for patients & attendants	1 set per consultation room					
4.	An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room					
5.	Blood pressure apparatus	1 per consultation room					
6.	Stethoscope	1 per consultation room					
7.	Torch	1 per consultation room					
8.	Thermometer	1 per consultation room					
9.	Weighing machine.	1 per consultation room					
10.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
11.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					
12.	Refrigerator if temperature sensitive medication are stored (if required)	Optional					
13.	Computers, (if required)	1 per consultation room					
14.	Telephone equipment	As per requirement					
15.	Air conditioning	As per requirement					
16.	Lockable storage space	As per requirement					
17.	Foot stools	1 per consultation room					

Rooms should be well ventilated.

2: Furniture/Fixture Requirements for In-Patient department (IPD)

Sn	Name of the Equipment	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/Teaching hospitals
1	Adequate wall or steel Cupboards	2	2	2	4	8
2	Arm Board Adult	2	2	2	4	8
3	Back rest	2	2	2	4	8
4	Bain Marie trolley stainless steel 1 per floor	1 per floor				
5	Bed side cabinets	As needed				
6	Bed side Screen	1 per ward or full length curtains between the beds				
7	Bucket Plastic	As per requirement	As per requirement	6	12	24
8	Ceiling Fans	As per requirement				
9	Clock 1per ward	1 per ward				
10	Containers for kitchen	As needed				
11	Doctor's chair for OP & ward,	As needed				
12	Doctor's or Office table	As per requirement			3	10
13	Dressing trolley-1 per floor/ ward depending on layout	As per requirement			4	8
14	Dust bins in each ward & consultation room	3	3	6	6	12
15	Duty table for nurses	As per requirement	As per requirement	4	8	20
16	Emergency resuscitation kit	1 per floor				
17	Enema Set	1	2	4	4	8
18	Fire extinguisher -	ABC 1 per ward/ floor based on layout				
19	Foot stools	4	8	8	16	25
20	Refrigerator	1 Per Area/ Ward				
21	Heavy duty Torch light	1 per ward				
22	Hospital Cots	10 + 10 % of the capacity in reserve	25+ 10 % of the capacity in reserve	50+ 10 % of the capacity in reserve	100+ 10 % of the capacity in reserve	100 & above + 10 % of the capacity in reserve
23	Hospital Pediatric Cots	As per requirement			10	30
24	Hot Water Bags 2 per ward	2 per ward				

25	Hot Water geyser	2 per ward				
26	I V Stands - 1 per 20 beds	1	1	3	5	10
27	Infra-Red lamp	1	2	3	5	10
28	Intercom System	2 per ward (optional)	2 per ward			
29	Kidney Trays 1 per 10 beds	1	2	5	10	20
30	Kitchen utensils	Adequate				
31	Massage table of 7ft. x 2.5ft (wood or fibre)	One per procedure room				
32	Medicine trolley	Optional				
33	Office chairs	As per requirement	As per requirement	4	8	20
34	Office Table	As per requirement	As per requirement	3	6	10
35	Patient beds with side rails	20% of total beds				
36	Patient call Bell System	1 per bed				
37	Patient locker	1 per bed				
38	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	- 1 per ward/ floor a per the profile of patients & layout of facility				
39	Patients side table	1 per bed				
40	Pediatric cots with railings as per scope of services	as per scope of services				
41	Steel or wooden cupboard	Optional				
42	Steel rack	Optional				
43	Stool 1 Per Bed	10	25	50	100	100 + As per the no. of beds
44	Stools revolving - 1 per ward	2 per ward				
45	Stretcher/ Patient trolley - 1 per ward	1 per ward				
46	Urinal Male and Female	1 per ward			20	50
47	waiting chairs / benches for patients relatives	50% of the bed strength				
48	Weighing Machine	1 per ward				
49	Wheel chair	Optional	1 per 25 beds	2 per 50 beds		
50	X-ray viewer	Optional				one per ward

C.2.2 Sundry Articles Requirement: Hospital Fittings & Necessities

Sr. No.	Name of the Equipment	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 and above/ Teaching hospital
1.	Air conditioners					Optional	
2.	Ambulance					Optional	Minimum 1
3.	Ceiling / wall Fans					As needed	
4.	Clock					1 per ward	
5.	Computer with modem with UPS, printer with internet connection					As needed	
6.	Coolers					As needed	
7.	Drinking Water purifier					As needed	
8.	Emergency lamp					2 Per Area/ Ward	
9.	Emergency trauma set					2 per ward	
10.	Exhaust Fan					As needed	
11.	Fire extinguishers					As needed	
12.	Instant Geyser (Applicable if storage geyser is not available)					1 per ward	
13.	Refrigerator					1 per ward	
14.	Storage Geyser					1 per ward	
15.	Tables & Chairs					As needed	
16.	Telephone/ cell phone					1 per ward	
17.	Tube lights					As needed	
18.	Vacuum cleaner					As needed	

C.2.3 Others

Furniture/Fixture Requirements: Administration							
Sr. No.	Name of the Equipment	Clinic	1 to 10 bedded	11 to 25 bedded	26 to 50 bedded	51-100 bedded Hospital	101 beds and above/teaching hospital
	Computer with Modem with UPS, Printer with Internet Connection	As needed					
2.	Photocopying Machine	As needed		1 per ward			
3.	Intercom (10 lines)	As needed					
4.	Fax Machine	-	As needed				
5.	Telephone	One per organization					
6.	Public Address System	-	Covering Indoor and OPD Areas				

C. 3 Engineering Services Requirements

This will include the detail information about the basic requirements including

C.3.1 Electrical Requirements

1. At least 3 hours backup or generator for critical areas
2. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
3. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
4. The illumination in the hospital is provided as per the prescribed standards.
5. Shadow less lights should be provided in operation theatres and delivery rooms.
6. Emergency portable light units should be provided in the wards and departments.

C.3.2 Plumbing Requirements

1. Number of Wash basins

- i. 1 for every 20 persons or part there
- ii. Doctor, staff, patients and visitors have an access to wash basin(s) 1 for every 50 persons or part there.
- iii. Dirty utility & surgical / procedural hand wash basin will be separate from general use & one each.

2. Number of Water closets

- i. 1 for every 20 beds or part thereof.
- ii. Doctor, staff, patients and visitors have an access to wash closet(s) 20 beds or part thereof.

3. For in-patient department

a. No. of Wash basins

- iv. 1 for every 12 beds or part thereof
- v. Doctor, staff, patients and visitors have an access to wash basin(s);
- vi. Procedure hand wash basins are separate and located close to procedure area. 1 for every 12 beds or part thereof

b. No. of Water closets

- vii. 1 for every 6 beds or part thereof
- viii. Separate water closets are available for use for outpatient and in-patient areas.
- ix. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.

c. No. of bathrooms

- i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
- ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms

d. WC

- i. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- ii. Average size of toilet : 810 mm X 1800mm with grab bars
- iii. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- iv. At least one wheel chair friendly toilet of dimensions 2200mm X 1800mm must be provided.

C.3.3 Civil Requirements

1. Space between 2 rows of beds in a ward should be minimum 5 ft.
2. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
3. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with

functional wheels and at least 4 feet if beds do not have functional wheels.

4. If there are no beds then this requirement is not applicable.
5. Size of hospital bed should be minimum 6' x 3'
6. Area per bed should be Minimum 50 sq. ft. / bed

C.3.4 HVAC / AC / Ventilation / Cross Ventilation Requirements

1. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
2. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.
3. HVAC as per the need

C.3.5 Others

1. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

C.4 Public Utilities

C.4.1 Safe drinking water

1. Round the clock availability of safe drinking water for patients, staff and visitors.
2. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

C.4.2 Sanitary Requirements

1. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.
2. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
3. Separate provision for firefighting should be available.
4. Water softening plant should be considered where hardness of water is a major problem.

Drainage and Sanitation

1. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.

2. **Waste Disposal System:** As per the Bio-Medical Waste Management Rules, 2016.

D. Equipments /instruments

This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings

D.1 Therapeutic equipments

1: Outpatient department (OPD)

1: Equipments /Instruments Requirements for Outpatient department (OPD)::							
Sr. No.	Name of the Equipment	Clinic	1 to 10 beds	11-25 beds	26- 50-200 beds	51 -100 beds	101 beds and above/ teaching hospital
1.	A chair and a table for doctor						1 per consultation room
2.	X-ray viewer						1 per consultation room
3.	An examination table of 6 ft. X 2.5 ft. With privacy screen						1 per consultation room
4.	Blood pressure apparatus						1 per consultation room
5.	Stethoscope						1 per consultation room
6.	Torch						1 per consultation room
7.	Thermometer						1 per consultation room
8.	Weighing machine.						1 per consultation room
9.	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.						As per requirement
10.	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.						As per requirement

2: In-Patient department (IPD)

2:Equipments /instruments for In-Patient department (IPD):						
Sr. No.	Name of the Equipment	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
	Ambu bags	Optional				
2.	Arm Board Adult	2	2	2	4	8
3.	Autoclave Drums	Optional				
4.	Back rest	2	2	2	4	8
5.	Bain marie trolley stainless steel 1 per floor	1	1	1	2	4
6.	Bed pans, 1 per 5 patients	2	4	10	20	50
7.	Biomedical waste colour coded bins	Each per floor				
8.	Cheatle forceps assorted sizes	Optional				
9.	Clock per ward	1 per ward				
10.	Containers for kitchen	As required				
11.	Dressing trolley-1 per floor/ ward depending on layout	1 per ward				
12.	Dust bins in each ward & consultation room	1 per ward				
13.	Emergency resuscitation kit	1 per floor				
14.	Enema Set	As required				
15.	Fridge	As required				
16.	Heavy duty Torch light - 1 per ward	1 per ward				
17.	Hot Water Bags 2 per ward	2 per ward				
18.	I V Stands - 1 per 20 beds	1 per 20 beds				
19.	Infra-Red lamp	1	2	3	5	10
20.	Instrument tray - minimum 1 per ward	minimum 1 per ward				
21.	Instrument trolley - 1 per ward	minimum 1 per ward				
22.	Intercom System	As required				
23.	Kidney Trays-1 per 10	1 per 10 beds				

	beds	
24.	Massage table of 7ft. x 2.5ft (wood or fiber)/ Wooden massage bed	1 per treatment room
25.	Medicine trolley	Optional
26.	Acu Needle disposer - 1 per ward	1 per ward
27.	Non mercury Thermometer clinical - 1 per ward	1 per ward
28.	O2 cylinder with spanner - 1 per ward	1 per ward
29.	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward
30.	Sphygmomanometers- Stand Type 1& Portable (aneroid or Digital) Type X 1 - 1 per ward	1 per ward
31.	Stretcher/ Patient trolley - 1 per ward	1 per ward
32.	Weighing Machine - 1 per ward	1 per ward
33.	X-ray viewer - one per ward	1 per ward

3: Naturopathy Therapy Section

3: Equipments /instruments for Naturopathy Therapy Section							
Sr. No.	Name of the Equipment	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
1.	Steam bath Chamber		One per service room		2	3	4
2.	Spinal bath Tub		One per service		4	8	12
3.	Hip bath tub		One per service		4	8	12
4.	Enema cans		As per need			25	50
5.	Hot water Bags		As per need				
6.	Infra-red lamps		As per need				
7.	Jet bath		As per need				
8.	Mud bath beds		One per service			6	10
9.	Mud packs		As per need				
10.	Woolen blankets		As per need				
11.	Muslin cloth		As per need				
12.	Hand & feet Tubs		One per service			3	6
13.	Gas stove		Minimum One per service room				
14.	Kettle		One per service room				
15.	Thermoleum		One per service room				
16.	Eye wash cups		As per need				
17.	Blue bottles		As per need				
18.	Green bottles		As per need				
19.	Buckets		As per need				
20.	Mugs		As per need				
21.	Jugs		As per need				
22.	Electro therapy equipments		As per need				
23.	Exercise therapy equipments		As per need				
24.	Yoga accessories		As per need				
25.	Ice bags		As per need				
26.	Packs		As per need				

D.2Surgical equipments

Not Applicable

D.3Diagnostic equipments

1: Laboratory Equipments

1. Laboratory Equipments (wherever service is provided)								
Sr. No.	Name of the Equipment	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital	
	Alarm clock	Optional	1 Per Area/ Ward					
2.	Automatic cell counter	Optional			Minimum 1			
3.	Auto analyzer/ Semi auto analyzer	Optional						
4.	Binocular Microscope	Minimum 1						
5.	Chemical Balances	Minimum 1						
6.	Counting chamber	Minimum 1						
7.	Electric Colorimeter	Minimum 1						
8.	Electric centrifuge, table top	Minimum 1						
9.	ESR stand with tubes	Minimum 1						
10.	Flame photometer	Minimum 1						
11.	Glucometer	1 Per Area/ Ward						
12.	Hemoglobinometer	Minimum 1						
13.	Hot air oven	As needed						
14.	Hot plates	As needed						
15.	Lab Incubator*	As needed						
16.	Laboratory Auto Claves	As needed						
17.	Micro pipette of different volumes	As needed						
18.	PH meter	As needed						
19.	Refrigerator	Minimum 1						
20.	Rotor / Shaker	Minimum 1						
21.	Simple balances	Minimum 1						
22.	Spirit lamp	Minimum 1						
23.	TCDC count apparatus	As needed						
24.	Test tube holders	As needed						
25.	Test tube rack	As needed						
26.	Test tube stands	As needed						
27.	Timer stop watch	As needed						
28.	Water bath	As needed						

D.4 Emergency equipments

Emergency equipments							
Sr. No.	Name of the Equipment	Clinic	1 to 50 bedded Hospital	11-25 bedded Hospital	26-50 bedded hospital	51- 100 bedded hospital	101 beds and above/ teaching hospital
1.	Emergency equipment box for first aid & BLSS	Minimum 1					
2.	Crash-Cart trolley:1	Optional	Minimum 1				
3.	Portable defibrillator	Optional			Minimum 1		
4.	Disposable syringes	As needed					
5.	Ambu Bag	Minimum 1					
6.	Laryngoscope with cell	Optional					
7.	Sealed battery cell	Minimum 1					
8.	Endotracheal tubes	As needed					
9.	Monitor	As needed					

D.5 Sterilizing Equipments

Not Applicable

E. Manpower

This includes the designation, minimum qualification & number of people required in the facility.

E.1 Medical practitioners

1. **Category:** Naturopathy Physician/ Medical Officer
2. **Minimum Qualifications:** Diploma/ Degree in Naturopathy from recognized university
3. **Registration:** (if applicable): with state or central council of Indian Medicine
4. **Trained / skilled:** Trained

Strength (The minimum number of staff required as per the function.)							
S n.	Doctors	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
1.	Hospital Superintendent/ Hospital Administrator	-	-	Optional	Optional	1	1
2.	Naturopathy Physician	1	1	1+ as per need	2+ as per need	3+ as per need	5+ as per need

E.2 Therapists:

1. **Category:** Naturopathy Therapist
2. **Minimum Qualifications:** Certificate Course in Naturopathy
3. **Registration:** (if applicable): State or Central Council of Indian Medicine
4. **Trained / skilled:** Trained

Strength: Minimum number of technicians as shown below .							
Sn	Therapists Technicians	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
1.	Naturopathy Therapist-Female	1	1	1	3	4	6 +
2.	Naturopathy Therapist Male	1	1	1	3	4	6 +
3.	Naturopathy Therapy Assistant-Female	-	-	1	3	4	6 +
4.	Naturopathy Therapy Assistant Male	-	-	1	3	4	6 +

E.3 Paramedics

1. **Category:**Paramedics
2. **Minimum Qualifications:** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
3. **Registration with the concerned council**(if applicable): state or central council
4. **Trained / skilled:** Trained

Sr. no	Paramedics	Minimum qualification	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
1.	Clerk for Billing	12th Standard passed.	-	1	1	1	1	2
2.	Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	As per requirement					
3.	Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle With State Road Transport Office. If driving an ambulance, specific training is required.	As per requirement					
4.	Electrician	If exists, Diploma in Electrical Engineering.	-	1	1	1	2	2
5.	Hospital worker (OP/ward)	Eight standard completed	-	1	1	2	5	10
6.	Housekeeping Staff	Ability to read national or local language	1	1	2	2	2	3
7.	Kitchen Servant (if food is cooked in-house)	-	As per requirement					
8.	Laboratory Attendant (Hospital Worker) (if lab is in-house)	Ability to read national or local language	-	As per requirement	As per requirement	As per requirement	2	6
9.	Laboratory Technician	Qualified Laboratory	-	As per requirement				

	(if Lab is in-house)	Technician							
10.	Maintenance person	If exists, Diploma in Electrical Engineering.	-	1	As per requirement			1	2
11.	Medical Records Officer / Technician	Minimum qualification- 12th Standard passed.	-	As per requirement			1	1	
12.	Peon	Eight standard completed	-	As per requirement			1	1	
13.	Plumber	-	-	As per requirement			1	1	
14.	Sanitary Worker	-	-	1	2	2	5	10	
15.	store keeper/ Manager	Minimum qualification- 12th Standard passed.	-	As per requirement			1	1	
16.	Therapy Assistant Minimum 1	Eight standard completed	As per requirement						
17.	Ward Ayah Minimum 1 per ward/ floor	Eight standard completed	As per requirement						
18.	Ward boy Minimum 1 per ward/ floor	Eight standard completed	As per requirement						

E.4Nurses:

1. **Category:**Nursing
2. **Minimum Qualifications:** NDNYT/TATC/ Government approved Nursing programs in Naturopathy
3. **Registration:** State Nursing Council of where hospital is located (if applicable)
4. **Trained / skilled:** Trained

Nurses to Beds Ratio: 1 per 10 beds							
Sr. no	Nursing Staff	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/ teaching hospital
1.	Staff Nurse	1	1	1	1 for every 50 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.		
2.	Matron	-	-	1	1	1	2

E.5 Administrative staff: The number would vary as per requirement and may be

Administrative staff							
Sr. no	Administrative staff	Clinic	1 to 10 bedded Hospital	11 to 25 bedded Hospital	26 to 50 bedded Hospital	51-100 bedded Hospital	101 beds and above/teaching hospital
1.	Office Superintendent/ Hospital Administrator	-	-	As per requirement	As per requirement	1	1
2.	Accountant	-	As per requirement	As per requirement	As per requirement	2	3
3.	Computer Operator	-	As per requirement	As per requirement	As per requirement	6	10
4.	Security Staff*	-	As per requirement	As per requirement	As per requirement	4	6

outsourced.

F. Drugs

This segment includes the minimum essential drug which needs to be maintained in the facility.

F.1 Anesthetics drugs

Not Applicable

F.2 Emergency drugs (Optional)

	Name of the Drug	Strength	Minimum Quantity
1	Inj. Adrenaline	As per I.P.	Minimum 10 Ampoules/ Vials
2	Inj. Atropine	As per I.P.	Minimum 10 Ampoules/ Vials
3	Inj. Calcium Carbonate	As per I.P.	Minimum 10 Ampoules/ Vials
4	Inj. Dopamine	As per I.P.	Minimum 10 Ampoules/ Vials
5	Inj. Dobutamine	As per I.P.	Minimum 10 Ampoules/ Vials
6	Inj. Nitroglycerine	As per I.P.	Minimum 10 Ampoules/ Vials
7	Inj. Sodium Bicarbonate	As per I.P.	Minimum 10 Ampoules/ Vials
8	Inj. Hydrocortisone	As per I.P.	Minimum 10 Ampoules/ Vials
9	Inhaler Beclomethasone (250 micro/dose)	As per I.P.	Minimum 10 Ampoules/ Vials
10	Inhaler Salbutamol (200 micrograms)	As per I.P.	Minimum 10 Ampoules/ Vials
11	Inj. Frusemide	As per I.P.	Minimum 10 Ampoules/ Vials
12	Inj. Diazepam/Midazolam	As per I.P.	Minimum 10 Ampoules/ Vials
13	Inj. Deriphylline	As per I.P.	Minimum 10 Ampoules/ Vials
14	Inj. Phenytoin sodium	As per I.P.	Minimum 10 Ampoules/ Vials
15	Inj. Avil	As per I.P.	Minimum 10 Ampoules/ Vials
16	Inj. Ondansetrone	As per I.P.	Minimum 10 Ampoules/ Vials
17	Inj. KCl	As per I.P.	Minimum 10 Ampoules/ Vials
18	Inj. Lignocaine 2%	As per I.P.	Minimum 10 Ampoules/ Vials
19	Inj. Amiodarone	As per I.P.	Minimum 10 Ampoules/ Vials
20	Inj. Magnesium sulphate	As per I.P.	Minimum 10 Ampoules/ Vials
21	Inj. Mannitol	As per I.P.	Minimum 10 Ampoules/ Vials
22	Inj. Morphine/Inj. Pethidine	As per I.P.	Minimum 10 Ampoules/ Vials
23	Inj. Noradrenaline bititrate	As per I.P.	Minimum 10 Ampoules/ Vials
24	Inj. Fentanyl	As per I.P.	Minimum 10 Ampoules/ Vials
25	water for Injection	As per I.P.	Minimum 10 Ampoules/ Vials
26	Inj. Sodium Valporate	As per I.P.	Minimum 10 Ampoules/ Vials
27	Inj. Voveran	As per I.P.	Minimum 10 Ampoules/ Vials
28	Inj. Paracetamol	As per I.P.	Minimum 10 Ampoules/ Vials
29	Mannitol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
30	Metoprolol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
31	N/2 saline Injection	As per I.P.	Minimum 10 Ampoules/ Vials
32	Oxygen Inhalation	As per I.P.	Minimum 10 Ampoules/ Vials
33	Oxytocin Injection	As per I.P.	Minimum 10 Ampoules/ Vials

G. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

G.1 Surgical

Not Applicable

G.2 Dressing Material

Sr. no	Dressing Material
1.	Absorbent cotton I.P 500gm Net
2.	Adhesive plaster 7.5cm x 5mtr
3.	Adhesive tape
4.	Antiseptic cream
5.	Antiseptic solution
6.	Bandage cloth(100cmx20mm)
7.	Bandages
8.	Gamjee Pad and Rolls
9.	Materials: Turmeric, Saindhalavana, Jatyadighrita, honey. (as per requirement)
10.	P.O.P Bandage a) 10cm,15cm
11.	Rolled Bandage a)6cm,10cm,15cm
12.	Sterile& non sterile Gloves of different sizes
13.	Sterile cotton, gamjee pads, gauze pieces
14.	Surgical Gauze (50cmx18m)
15.	Suture removal

G.3 Disinfectants: As applicable in adequate quantity (Optional)

Sr. no	Disinfectants
1.	Hypochlorite 4%-6%
2.	Ortho-phthalaldehyde (OPA)
3.	70% ethanol plus 10ppm Bitrex
4.	Formaldehyde solutions (1%-2%)
5.	Glutaraldehyde
6.	Hydrogen peroxide
7.	Quaternary ammonium compounds
8.	Phenolic germicides

G.4 Tubing

Sn	Tubing
1.	Connecting tubings for oxygen delivery
2.	Oxygen catheters
3.	Oxygen masks
4.	Foley catheters
5.	Urinary catheters
6.	Others

G.5 Linen

Sn	Linen	Clinic	1 to 10	11 to 25	26 to 50	51 to 100	101 beds and above/teaching hospital
1	Apron for cook	-	As per requirement				
2	Bed sheets	-	30	75	150	300	300 & as per bed strength
3	Bedspreads	-	40	100	200	400	400 & as per bed strength
4	Blankets	-	As per requirement				
5	Curtain cloth windows and doors	As per requirement					
6	Doctor's overcoat	one per doctor					
7	Mats (Nylon)	one per bed					
8	Mattress (foam) adults	one per bed					
9	Pediatric Mattress	one per bed					
10	Patient house coat (for female)	Two per bed					
11	Patients pajama (for male) shirts	Two per bed					
12	towels	Two per bed					
13	Perineal sheets	as per patient load					
14	Pillow covers	Two per bed					
15	Pillows	Two per bed					
16	Table cloth	adequate quantity					
17	Uniform / Apron	As per requirement					

G.6 Stationery

Sr. no.	Items
1.	Consents Forms
2.	Continuation Sheets for IPD
3.	Continuation sheets for OPD
4.	Diet Cards
5.	Diet Sheets
6.	Discharge cards
7.	Indoor Admission Form & Case Sheets
8.	Intake Output Charts
9.	Nursing Monitoring Forms
10.	OPD Forms
11.	Pathological Books
12.	Registers
13.	Registration Card
14.	Sentinel Event Form
15.	Supplementary Sheets
16.	Temperature Charts
17.	Treatment Cards
18.	White Papers
19.	X-ray Forms

G.7 Adhesives and gels: Not Applicable

G.8 Other: Not Applicable

H. Licenses

This includes the minimum statutory compliance applicable as per the central or state government along with licensing body.

	Name of the Act	Department/Area	Licensing body
1	Registration under Shops and Establishments Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
2	Registration under Clinical Establishments Act	Organization	Jurisdictional Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
3	AERB clearances for CT/ MRI/ X ray & Radiation	Imaging	Atomic Energy Regulatory Board
4	Agreement for Common Biomedical Waste Collection, Transportation, Treatment, Storage and Disposal Facility	Organization	Local Pollution Control Board
5	Registration under Air (prevention and control of pollution) Act, 1981.	Organization	Local Pollution Control Board
6	Approval of Radiation Safety Officer	Imaging	Atomic Energy Regulatory Board
7	Boiler license under Indian Boiler Act, 1923	Boiler	Concerned regulatory Body
8	Building Permit (From the Municipality).	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
9	Certificate for Narcotics & Psychotropic Substances	Pharmacy and Hospital	Drug Controller
10	Certificate of Registration under society act 1860	Organization	Registrar of societies/ Charity Commissioners office
11	Certificate u/s 80-G of IT Act	Organization	If applicable.
12	Class clearance certificate issued to manufacturer/ importer of mobile X ray equipment	Imaging	AERB Class Clearance issued to Manufacturer/ dealer of imaging equipment
13	Commissioning approval of Linear Accelerator	Radiation Therapy	AERB
14	ESIS registration in case of >20 employees	Organization	Employee State Insurance Company
15	Excise permit to store Spirit.	Organization	Excise department
16	Generator Exhaust air Quality Report	Generator	Authorized Air Testing Laboratory
17	License to sale or distribute drugs Form 20, 21, 21C	Pharmacy	FDA
18	License for lift	Lift	Mobile Electric Vehicles Department

19	License to play music for public use	Organization	Indian
20	No objection certificate from the Chief Fire Officer.	Organization	Fire Department
21	Obtaining clearances for weighing equipments in all the hospital units under The Standards of Weights and Measures Act, 1976.	Weights and measures	Department of Weights and Measures
22	Occupation Certificate	To be obtained from	Jurisdictional Revenue Authorities like Panchayat/ Nagarpalika/ Mahanagarpalika/ Municipality/ Municipal Corporation
23	PCPNDT Act, 1996.	Sonography	Health Department of Regulatory Body assigned with the responsibility
24	Registration of births and deaths Act, 1969.	Organization	Health Department of Regulatory Body assigned with the responsibility
25	SMPV License for Storage of Liquid Oxygen, Form III (License to compressed gas in pressure vessel or vessels)	Medical Gases in Pressurized Vessels	Licensing Authority
26	TAN Number	Organization	Income Tax Department
27	PAN Number	Organization	Income Tax Department
28	Vehicle Registration certificates for Ambulance	Ambulance and Vehicles owned by the organization	Road Traffic Authority
29	Water Prevention and control of pollution Act	Organization	Pollution Control Board

I. Basic Processes

I.1 Registration (This will help in developing a database at State / Central level).

1. Name
2. Age
3. Gender
4. Address with PIN code
5. Marital Status
6. Contact Number
7. Type of Diet (Veg, Non-veg)
8. OP/ IP Number
9. Date & Time of visit for OP/ admission for IP
10. Name of Treating Doctor

I.2 Assessment

1. Primary Complaint of the guest:
2. History of Primary Complaint:
3. History of Medication:
4. History of Implants/ Pacemaker/ Surgery:
5. Past History

6. History of allergies
7. Diet and Lifestyle History
8. Family History
9. Personal History
10. General Examination
11. Systemic Examination
12. Physical Examination
13. Pain Scoring
14. Nutritional Assessment
15. Diagnosis Provisional / Final
16. Preventive Aspects
17. Plan of Care
18. Treatment

I.3 Infection Control

1. Cleaning: to be done with defined solution with dilution as advised by the manufacturer. Defined schedule with full cleaning at least once a day.
2. Disinfectants: Defined solution with dilution as advised by the manufacturer.
3. Advisable to have designated Infection Control Officer for hospital with more than 50 beds.
4. Advisable to have designated Infection Control Committee for hospital with more than 50 beds.
5. Infection control activities should be monitoring by defined method & schedule.

I.4 Safety considerations

(Surgical safety, infection control, biomedical waste, first aid & basic life support, disaster preparedness)

1. Following physical safety aspects shall be taken care in the hospital

1. AERB safety rules shall be followed in Radiology and other radiation areas.
2. All areas where a physical hazards may occur, like near DG set, transformer, cylinder storage, electric panels, steep slope etc. shall be provided with safety signage and safety instructions
3. All balconies and opening on higher floors shall have grills.
4. All bottles containing acids or alkalis shall be stored on cupboards at height below the shoulder level to prevent them from falling while taking out. It shall never be stored on height above the head level.
5. All electric panels shall be enclosed in insulated and nonflammable box and shall be kept locked.
6. All entry doors, windows and furniture shall be maintained in good maintained condition.
7. All equipments, furniture awaiting condemnation shall be stored in separate condemnation area.
8. All stretchers and wheelchairs shall have safety belts for fastening the patient.
9. Anti-skid mats shall be placed on entrance of bathrooms
10. Boundary wall of the hospital's campus shall be of sufficient height with metal fencing on top. Entire boundary wall shall be kept in intact condition.
11. Corridors and passages shall not be blocked by chairs, tables or equipments.

12. Displays of 'floor is wet' or 'under repair' or similar precautions in required areas and time shall be available with the hospital.
13. Doors height shall be at least of 8 feet.
14. Electric rooms shall not be used as store room or for any other purpose.
15. Emergency exit routes shall be kept clear all the times.
16. Hospitals ground shall be properly maintained. There shall be no openings, or pits in the ground. The surfaces shall be kept even.
17. Lab shall be provided with safety equipments like eye wash cups.
18. Material safety data sheet shall be available for all hazardous materials.
19. No door shall open towards public areas like crowded lobby etc. (the door shall preferably open towards the inside of room).
20. No inflammable materials like, diesel, LPG, acids etc. shall be stored near electrical panel.
21. Personal protective gears shall be available everywhere and in adequate quantity. These include gears like, gloves, masks, gowns, boots, caps, goggles etc. Earplugs shall be provided to staff in areas where there is continuous noise, like AC plant.
22. Protection from stray dogs and other animals shall be ensured in the hospital campus
23. Rubber matting shall be placed on the floors below electric panels.
24. Seepage shall not be allowed in areas where electric panels or wires are present.
25. Terrace should have side walls of at least 4 feet height.
26. The beds shall have provision for providing side guard rails.
27. There should be no losing of electrical wiring. All electrical wiring shall be concealed and kept intact.

2. Infection control:

1. Biological safety assessment is done for all areas of patient care and risks defined for the same.
 - a. Needle Stick Injury and related transmissions
 - b. Patient to staff, patient to patient and staff to patient risk of transmission of diseases is addressed and preventive measures are instituted.
 - c. Procedure site and surgical site infections are monitored.
2. Preventive measures and remedies for correction are kept available wherever such risk exists.
3. Hand washing practices as per WHO recommended criteria are followed and monitored regularly.
4. Facility and consumables for hand washing are available at convenient locations in the healthcare facility.
5. Adequate equipment and disposables related to personal safety for infection transmission are available to staff and patients in the organization. E.g. equipment like fogging machine, UV sterilizers, Insect Killer Machines and consumables such as Gloves, hand washing materials/ hand gels, surgical Masks, N95 Masks, industrial gloves, etc.

3. Biomedical waste:

1. Biomedical waste is collected, segregated, packed, transported and disposed according to the regulatory guidelines.
2. Biological Waste Management is monitored on regular basis.
3. Biomedical waste disposal is a part of infection control activities.

4. First aid & basic life support

1. At all times, there is a staff member who is adequately qualified and is trained in giving at least Basic Life Support System.
2. Adequate qualifications will include qualified nurse or doctor from any specialization who has undergone training on Basic Life Support.
3. There will be a full resuscitation set maintained for use exclusively during such events, irrespective of existence of similar equipment anywhere else in the hospital.

5. Disaster preparedness: Mandatory for all hospitals of all sizes.

1. Healthcare organization must identify various possible disasters and prepare for the same by stocking necessary consumables, training adequate staff and conducting drills regularly.
2. Keeping equipment in a state of readiness for use during such events.
3. Separate stock is maintained as per the risk perceived for the anticipated disorder(s).
4. Keeping a back-up of consumables at all times in usable condition for use during disaster.
5. Personnel are trained for disaster management
6. Disaster drills are carried out at least once in six months for various disaster(s) anticipated.
7. Anticipated list of disasters can include and is not restricted to any of:
 - a. Fire
 - b. Terrorist attack
 - c. Invasion of swarms of insects and pests.
 - d. Earthquake.
 - e. Civil disorders effecting the organization.
 - f. Sudden failure of supply of electricity. (Disaster)

I.5 Clinical Records (including consents)

Sr. no	Records
1.	OPD/ IPD Records
2.	Treatment Orders
3.	Medication Records
4.	Procedure Records
5.	Nursing Monitoring Records
6.	Nursing Treatment Records
7.	Reports of investigations
8.	Consents: General Consent at admission, Procedure consents

I.6 Discharge

1. Discharge Summary should have following details:
 - a. Primary data of Name, Gender, Age, Address with PIN code, Marital Status, Contact Number, Type of Diet (Veg, Non-veg), OP/ IP Number, Date of visit for OP/ admission for IP, Treating Doctor
 - b. Primary Complaint of the guest
 - c. History of Primary Complaint:
 - d. History of allergies
 - e. Salient Examination Findings
 - f. Pain Relief Advice
 - g. Nutritional Advice
 - h. Diagnosis – Final
 - i. Preventive Aspects
 - j. Treatment Given
 - k. Details of procedures performed
 - l. Treatment advised
 - m. Contact number in case of emergency

**MINIMUM STANDARDS
FOR
CLINICAL ESTABLISHMENTS
OF
SOWA RIGPA**

Submitted by:

National Research Institute for Sowa-Rigpa (CCRAS), Leh-Ladakh

SOWA-RIGPA STANDARDS FOR

- 1. Clinics**
- 2. Therapy Centers**
- 3. Hospitals with upto 10 beds**
- 4. Hospitals with 11 to 25 beds**
- 5. Hospitals with 26 to 50 beds**
- 6. Hospitals with 51 to 100 beds**
- 7. Hospitals with 100 and above beds**

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A Introduction

A.1 General

The standards thus framed are on account of the minimum requirement of this category of healthcare provider. There are no exclusions. They are dependent on the basic functions of the unit/hospital/provider. All sections mentioned are mandatory and include both structure and basic processes.

A.2 Scope

This includes the services being provided by the facility to which the standards will be applicable (For example common minimum standards framed for a polyclinic are applicable to a polyclinic only and not to a single specialty hospital)

Scope:

Type of Health Care Facility	Scope of Services
Clinic	Outdoor care facility managed by a single Sowa-Rigpa medical practitioner or a group of Sowa-Rigpa practitioners with or without a day care facility. No overnight stay or care is provided here.
Minimum 10 Beds	Health Care facility with minimum 10 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Sowa Rigpa doctors trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
11 to 25 Beds	Health Care facility with 11 to 25 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Sowa Rigpa doctors trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
26 to 50 Beds	Health Care facility with 26 to 50 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Sowa-Rigpa doctors trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
51 to 100 Beds	Health Care facility with 51 to 100 beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Sowa-Rigpa doctors trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.
100 and Above	Health Care facility with 100 and above beds for indoor care and ability to monitor and treat patients requiring an overnight stay. Care is provided by Sowa-Rigpa doctors trained in the concerned system of medicine having graduate or preferably postgraduate qualifications.

B. Functions

This section includes the basic services provided by facilities. It is subdivided into two parts

B.1 Core functions (Clinical services)

(Clinics & Outdoor Patients facilities of health care organizations of 10 Beds, 11 to 25, 26 to 50, 51 to 100, 100 and above bed strengths)

Minimum Clinical Services to be provided

Services	Clinic	Minimum 10 Beds	11 to 25 beds	26 to 50 beds	51 to 100	100 and above
Minimum Clinical Services to be provided						
Lus nad yanlag (Kayachikitsa)	Lus nad yanlag (Kayachikitsa)					
Chad yanlag (Shalya)	Optional	Optional	Chad yanlag (Shalya)			
Mo-Nad (Prasuti & Striroga)	Optional	Optional	Optional	Mo-Nad (Prasuti & Striroga)		
Chispai-Nad (Balroga)	Optional	Optional	Optional	Chispai-Nad (Balroga)		
Casualty		Optional	Emergency care provided, Atyayik Dept. optional			
Las-Na (Panchakarma)						
Snehana	Optional				Snehana	
Swedana	Optional				Swedana	
Shirodhara	Optional				Shirodhara	
Vamana	Optional				Vamana	
Virechana	Optional				Virechana	
Basti	Optional				Basti	
Nasya	Optional			Nasya		
Rakta Mokshana	Optional					
Agnikarma	Optional					
Pracchana	Optional					

Indoor patient's facilities:

The indoor department of the hospital shall have separate male and female wards.

Distribution of beds at the rate of 65 sq. ft. area per bed ward as under –

SN	Minimum 10 beds	11 to 25 beds	26 to 50 beds	51 to 100 beds	100 and Above beds
Minimum Clinical Services to be provided in IPD					
1	Kayachikitsa	Kayachikitsa	Kayachikitsa	Kayachikitsa	Kayachikitsa
2	Optional	Optional	Shalya	Shalya	Shalya
3	Optional	Optional	Shalakyā	Shalakyā	Shalakyā
4	Optional	Optional	Optional	Prasuti & Striroga	Prasuti & Striroga
5	Optional	Optional	Optional	Balroga	Balroga
6	Optional	Optional	Optional	Optional	Atyayik (Casualty)
7	Las-na Unit: (Therapy Centre)				
8	Snehana	Snehana	Snehana	Snehana	Snehana
9	Swedana	Swedana	Swedana	Swedana	Swedana
10	Shirodhara	Shirodhara	Shirodhara	Shirodhara	Shirodhara
11	Vamana	Vamana	Vamana	Vamana	Vamana
12	Virechana	Virechana	Virechana	Virechana	Virechana
13	Basti	Basti	Basti	Basti	Basti
14	Uttar Basti *	Uttar Basti *	Uttar Basti *	Uttar Basti *	Uttar Basti *
15	Rakta Mokshana	Rakta Mokshana	Rakta Mokshana	Rakta Mokshana	Rakta Mokshana
16	Jalaukavacharana,	Jalaukavacharana,	Jalaukavacharana,	Jalaukavacharana,	Jalaukavacharana,
17	Agnikarma	Agnikarma	Agnikarma	Agnikarma	Agnikarma
18	Pracchanna	Pracchanna	Pracchanna	Pracchanna	Pracchanna
19	Nasya	Nasya	Nasya	Nasya	Nasya
20	Ksharsutra **	Ksharsutra**	Ksharsutra**	Ksharsutra **	Ksharsutra **

* If requisite infrastructure requirements are fulfilled.

** Infrastructure requirements will apply.

B.2 Auxiliary Functions (support services for eg: diagnostics)

(Central Laboratory for clinical diagnosis and investigations).

1. There shall be a central laboratory in the hospital complex with proper infrastructure and manpower for carrying out routine, pathological,

biochemical and hematological investigations on the patients referred from outdoor and indoor departments of the hospital.

2. There shall be a central Imaging- X-Ray unit in the hospital complex with proper infrastructure and manpower for carrying out routine, imaging investigations on the patients referred from outdoor and indoor departments of the hospital.

Support Services:

1. Accounting,
2. Ambulance services
3. Billing
4. Dietary services/ Canteen
5. Essential commodities like water supply, electric supply etc.
6. Finance
7. Financial accounting and auditing
8. Housekeeping and Sanitation
9. Inventory Management
10. Laundry services
11. Medical records
12. Medicine preparation area
13. Medico legal
14. Office Management (Provision should be made for computerized medical records with anti-virus facilities whereas alternate records should also be maintained)
15. Personnel Department
16. Pharmacy/ dispensary
17. Purchase
18. Reception,
19. Security services
20. Stores
21. Waste management Housekeeping/ sanitation.

Physical Facilities

C.1 Space requirement

This entails the minimum space required for carrying out the basic functions of the facility which includes:

C.1.1 Minimum area required for establishing the facility

Type of Health Care Organization	Requirements	
	Stand alone building	Part of another building
Clinic	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Minimum area should be adequate to accommodate doctors table, consultation chair, two stools/ chairs, examination bed of the size 6 ft X 2.5 ft., privacy screen around examination area while having free mobility.
1 to 10 bed	As permitted under Development control rules, Floor Space Index, Local regulations, etc.	Local regulations related to building structures, occupancy, etc. will be followed.
11 to 25		
26 to 50		
51 to 100		
101 and above		

C.1.2 Functional space planning of the facility like reception area, waiting area etc.

1. Treatment rooms:

- a. Maximum 15 Treatments/Day/Treatment Room.
- b. Number of treatments will depend on type & nature of treatments.

2. Consultation & examination room

- a. Minimum 10ft. x 10 ft.
- b. Consultation room should be adequate to accommodate:
 - i. Doctors table,
 - ii. Consultation chair,
 - iii. Two stools/ chairs,
 - iv. Examination bed of the size 6 ft X 2.5 ft.,
 - v. Privacy screen around examination area while having free mobility

3. Pharmacy/Dispensary specs:

- a. The pharmacy should be located in an area conveniently accessible
- b. Temperature & humidity to be maintained as per the requirement of the stored medications.
- c. The size should be adequate to contain 5 percent of the total clinical visits to the OPD in one session for hospitals more than 50 beds.
- d. Pharmacy should have adequate medicine storage and dispensing facility for indoor and outdoor patients.

4. Entrance hall with reception area, enquiry counter, cash counter and record area

- a. Preferably 100 sq. ft per 25 beds

5. Waiting area in entire organization

- a. Preferably 100 sq. ft per 25 beds i.e. 10% seats of average number of patients visiting daily to hospital
- 6. Kitchen area:** Applicable only if food is cooked in the hospital. Providing food is mandatory for hospitals of size over 100 beds.
- a. Kitchen area should be sufficient size to prepare food for inpatients as per diet advised by the physician
 - b. Kitchen layout and functioning should follow the flow of materials as: Entry-> washed->cutting-> cooking->loading → To Serve
 - c. Utensil washing area is separate from the cooking area.
- 7. Medicine preparation area:** Mandatory for hospitals of size over 50 beds.
- a. Preparation area should be of minimum 50 sq. ft: only if medications are prepared in the hospital.
- 8. Medical Stores specs:**
- a. The medical store may be part of pharmacy or separate and secured.
 - b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.
- 9. RMO Quarters:**
- a. Minimum 1 room with attached bathroom & WC, per 2 doctors with separate rooms for male & females with separated sleeping facility with drinking water facility, intercom, mattress, pillows, blankets, bed sheets. Cupboards/ wardrobes.
- 10. Nursing station/ duty room (Nurses):**
- a. One nursing station/room per 15 beds.
 - b. Applicable for clinics only if there is a day care ward.
 - c. Nursing stations should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
 - d. Station should accommodate all nurses on duty at any time.
- 11. Clinical laboratory specifications:**
- a. Laboratory services can be outsourced or can be optional for hospitals upto 100 beds.
 - b. Laboratory services are mandatory for hospitals above 100 beds for quick diagnosis of blood, urine, etc., a small sample collection room facility shall be provided.
 - c. Separate Reporting Room for doctors should be there.

12. Radiology section,

- a. Role of imaging department should be radio-diagnosis and ultrasound along with hire facilities depending on the bed strength.
- b. The department should be located at a place which is accessible to both OPD and wards and also to operation theatre department.
- c. The size of the room should depend on the type of instrument installed.
- d. It should conform to AERB requirements.
- e. The room should have a sub-waiting area with toilet facility and a change room facility, if required.
- f. Film developing and processing (dark room) shall be provided in the department for loading, unloading, developing and processing of X-ray films.
- g. Separate Reporting Room for doctors should be provided.

13. Laundry (optional)

- a. Laundry services can be outsourced or can be optional.
- b. If it is provided in house, it should have necessary facilities for drying, pressing and storage of soiled and cleaned linens.
- c. If outsourced, disinfection of linen is carried out by the hospital before handing over the linen to the out-sourced organization.

14. Emergency Room specifications:

- a. Emergency room should be spacious enough to accommodate a table, requisite chairs, working platform, medicine racks, a work counter, sinks, dress table, screen, pedal operated trash bins.
- b. Station should accommodate all nurses & doctors on duty at any time.
- c. Room should allow free movement of wheel chair or trolley.
- d. Emergency Room should preferably have different entry than the hospital entry.
- e. Access to Emergency Room should have a ramp for wheel chairs and stretchers.

15. House-Keeping:

- a. Housekeeping services should be made available for effective cleanliness.
- b. Housekeeping services can be outsourced.
- c. Designated areas within functional areas for housekeeping materials has to be in hospital more than 30 beds

16. Security Services:

- a. There is a designated location for each security staff on duty.

17. Medical record-room:

- a. Medical record-room should be of adequate size as per the load of the documents of the hospital.
- b. Tamperproof material and locking facility Cabinets/ cupboards/ Boxes will be used.
- c. Fire extinguishers of correct type should be made available nearby all locations.

18. Store rooms:

- a. Store room should be lockable & of adequate size with exhaust fan.
- b. Area should be clean, well ventilated, well lit, without any dampness or fungal growth on walls.

19. Wards:

- a. Treatment areas for male and female patients shall be segregated if managed as wards and there should be privacy for individual patients. Alternatively individual or sharing rooms can be used to segregate patients of different gender.
- b. The ward planning will address minimization of the work for the nursing staff and shall provide basic amenities to the patients located within an area or unit.
- c. Ward unit will include nursing station, preferably a treatment/ procedure room, nursing store and toilets as per the norms.
- d. At the minimum one nursing station per ward of upto 45 beds will be provided.
- e. There should be minimum 70 ft. area per bed with 7 ft. distance between the mid-points of adjoining beds and at least 3 feet distance between the beds and 8 inch distance between the bed and the wall.
- f. Width of the door to be at least 4 feet.
- g. Permanent, semi-permanent or temporary partition should be present between two beds.
- h. Ward store area with lockable wall or steel cupboard(s).

20. Duty rooms for doctors

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

21. Duty rooms for nurses:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

22. Duty rooms for technicians:

- a. To accommodate 1 bed of 6 feet X 3 feet and a side table.
- b. Separate beds if sharing for same gender.
- c. Separate rooms for separate genders will be provided.

23. Dirty utility room:

- a. Separate area of minimum 15 sq feet.

24: Las-na (Panchakarma) Therapy Unit or treatment room:

- a. The department is more frequently visited by out-patients and IPD patients but should be located at a place which may be at convenient access to both outdoor and indoor patients with privacy.

C.1.3 Dimensions of the sub areas of the facility, including the flow of the processes which in turn will give a layout of the department /unit.

Specifications of the Panchakarma Therapy Unit:

1. Room Size: Minimum 10 ft. X 10 ft. (As size of massage table is 7ft X 3 ft. the size of room should be 10ft X 10 ft.)
2. Mandatory if procedures are done.
3. Separate Unit is proposed for male & female with attached toilet and bathroom
4. Optional and depending on work load. If more than 15 procedures are carried out per day, separate rooms should be provided.

Specifications of the Operation Theater/ Minor OT :

1. OT/ procedure room should have sterile zone of at least 10 ft X 10 ft; Size is exclusive of clean zone, independent enclosure to accommodate Uttarabasti/ Ksharasutra equipment & maintaining adequate privacy.
2. OT is mandatory if surgical procedures are provided in any hospital.
3. Waiting area:
 - a. Adequate number of seats/ chairs with respect to the bed strength and load of the patients will be provided.
 - b. Separate waiting area for Las-na (Panchakarma) therapy services is mandatory only in health care units which provide stand-alone Las-na (Panchakarma) therapy services. Otherwise common waiting areas of the facility can be utilized.
4. Consultation room with examination room: adequate to accommodate Doctors table, consultation chair, two stools/ chairs, examination bed of minimum size of 6 ft. X 2.5 ft., privacy screen around examination area.

5. Sterilization room: adequate to accommodate sterilization equipment & sterilized material.
6. Separate Recovery room for Las-na (Panchakarma) therapy is mandatory only in health care units which provide stand-alone services. Otherwise ward beds of the facility can be utilized.
7. Separate disposal zone for storage of waste as per bio-medical waste management rules.

C.1.4 Basic signage

1. A signage within or outside the facility should be made available containing the following information.
2. *All signage meant for patients and visitors shall be bilingual – Local language and Hindi / English.

C.1.4.1 Name of the care provider with registration number,

1. Name of organization.
2. Display of Registration under clinical establishment act

C.1.4.2 Fee structure,

1. Display of tariff list at OPD, Emergency etc.
2. Display of citizen charter in OPD and emergency

C.1.4.3 Timings of the facility

1. Display of OPD timings with names and respective specializations of consultants in OPD

C.1.4.4 Services provided

1. Directional signage at main entrance towards emergency and OPD
2. Directional signage for patients for utilities and conveniences like toilets, drinking water, telephone booths, shops
3. Directional signage within the hospital building for all departments within the building
4. Display of department / area name on the entrance of each area / room / counter
5. Display of hospital layout at various entrances in the hospital
6. Display of hospital's scope of services at OPD, Emergency and at Campus entrance
7. Floor Plan With Location Of Departments
8. Plan of Facility
9. usages: departments, OPD & IP room & wards, waiting areas,

C.1.5 Others

1. Display of all radiation hazard signage in radiation areas (if applicable).
2. Display of Biomedical waste segregation at all location where BMW bins are kept
3. Display of danger signage at all electric panels and other dangerous areas
4. Display of General instructions like 'No Smoking', 'Keep Silence', 'Use dustbin', etc. at various patient and visitor areas in the hospital
5. Display of hand--washing techniques compliant with WHO guidelines at all hand wash basins
6. Display of how to use fire extinguisher at all point where fire extinguisher is installed
7. Display of important phone contact numbers of hospital authorities
8. Displays required by regulations like PNDT, Lifts, Fire, etc.
9. Display of Material Safety Data Sheet at all locations where Hazardous Materials are stored
10. Display of patient rights and responsibilities in OPD, emergency and wards
11. Display of safety instructions in areas where any kind of safety hazard may be expected. This includes areas like transformers, Cylinder storage, LPG storage etc.
12. Emergency exit signage (preferably in auto illumination material, like radium)
13. Fire Protection
14. Hazards- electrical, fall, pipe locations, prohibited areas
15. Notice board for general information to staff
16. Notice board in front of all OPD and Wards.
17. Notice board in Operation theatre
18. Routes for all areas
19. Signage for parking. (Signage for ambulance parking shall be separately mentioned)
20. Safety signage will be displays as per the requirements of respective Indian Standards: Ex. Fire Protection Safety Signs IS 12349:1988

C.2 Furniture & Fixtures:

This will entail the details about the furniture and sundry items commensurate to the service delivery requirements.

C.2.1 Furniture/Fixture Requirements:

Name of the Equipment	Clinic	Minimum 10 beds	11 to 25 beds	26-50 beds	51-100 beds	100 and above beds
A chair and a table for doctor	1 per consultation room					
X-ray viewer	Optional				1 per consultation room	
Two chairs for patients & attendants	1 per consultation room					
An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room					
Blood pressure apparatus,	Optional		1 per consultation room			
Stethoscope	Optional		1 per consultation room			
Torch	1 per consultation room					
Thermometer	1 per consultation room					
Weighing machine.	1 per consultation room					
Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					
Refrigerator if temperature sensitive medication are stored (if required)	Optional	1 per consultation room				
Computer, (if required)	Optional	1 per consultation room				
telephone equipment	As per requirement					
Air conditioning	As per requirement					
Adequate lockable storage space	As per requirement					
Foot stools	1 per consultation room					

Name of the Equipment	Clinic	Minimum 10 beds	11 to 25 beds	26-50 beds	51-100 beds	100 and above beds
A chair and a table for doctor	1 per consultation room					
X-ray viewer	Optional				1 per consultation room	
Two chairs for patients & attendants	1 per consultation room					
An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room					
Blood pressure apparatus,	Optional		1 per consultation room			
Stethoscope	Optional		1 per consultation room			
Torch	1 per consultation room					
Thermometer	1 per consultation room					
Weighing machine.	1 per consultation room					
Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					
Refrigerator if temperature sensitive medication are stored (if required)	Optional	1 per consultation room				

Room should be well ventilated and lighted.

2: Furniture/Fixture Requirements for In-Patient department (IPD):						
Sr. No.	Name of the Equipment	Minimum 10 beds	11 to 25 beds	26to 50 beds	51-100 beds	100 and above beds
1.	Adequate wall or steel Cupboards	2	2	4	6	8
2.	Arm Board Adult	4	6	12	15	24
3.	Back rest	2	2	4	6	8
4.	Bain Marie trolley stainless steel	1 per floor				
5.	Bed side cabinets	1 per 5 patients				
6.	Bed side Screen	1 per ward or full length curtains between the beds				
7.	Bucket Plastic	6	6	12	18	24
8.	Ceiling Fans	As per requirement				
9.	Clock	1 per ward				
10.	Containers for kitchen	As needed				
11.	Doctor's chair for OP & ward	As needed				
12.	Doctor's or Office table	3	3	3	5	10
13.	Dressing trolley-1 per floor/ ward depending on layout	2	2	4	6	8
14.	Dust bins in each ward & consultation room	3	3	6	9	12
15.	Duty table for nurses	4	4	8	12	20
16.	Emergency resuscitation kit	1 per floor				
17.	Enema Set	2	2	4	4	4
18.	Fire extinguisher -	ABC 1 per ward/ floor based on layout				
19.	Foot stools	8	8	16	20	25
20.	Fridge	1 Per Area/ Ward				
21.	Heavy duty Torch light	1 per ward				
22.	Hospital Cots	25	50	75	120	300
23.	Hospital Cots Pediatric	3	5	10	15	30
24.	Hot Water Bags 2 per ward	2 per ward				
25.	Hot Water geyser	2 per ward				
26.	I V Stands - 2 per 10 beds	2	4	6	10	30
27.	Infra-Red lamp	3	3	5	7	10
28.	Intercom System	Optional	Optional	2 per ward	2 per ward	2 per ward
29.	Kidney Trays 1 per 5 beds	2	6	0	40	50
30.	Kitchen utensils	Adequate				
31.	Massage table of 7ft. x 2.5ft (wood or fibre)	One per procedure room				
32.	Medicine trolley	1 per ward				
33.	Office chairs	4	6	8	15	20
34.	Office Table	3	5	8	8	10
35.	patient Beds with side rails	20% of total beds				
36.	Patient call Bell System	1 per bed				
37.	Patient locker	1 per bed				
38.	Patients examination table- 1 per ward/ floor a	- 1 per ward/ floor a per the profile of patients & layout of facility				

	per the profile of patients & layout of facility					
39.	Patients side table	1 per bed				
40.	Pediatric cots with railings as per scope of services	as per scope of services				
41.	Steel or Wooden cup board	5	8	16	18	20
42.	Steel rack	5	8	10	15	20
43.	Stool 1Per Bed	1Per Bed				
44.	Stools revolving – 2 per ward	2 per ward				
45.	Stretcher/ Patient trolley – 1 per ward	1 per ward				
46.	Urinal Male and Female	5	10	20	30	50
47.	waiting chairs / benches for patients relatives	50% of the bed strengths				
48.	Weighing Machine	1 per ward				
49.	Wheel chair	1	1	2	3	5
50.	Wooden massage bed	One per service room				
51.	X-ray viewer	one per ward				

3: Furniture/Fixture Requirements for Lus-Na Therapy Centre						
Name of the Equipment	Clinic	Minimum 10 bed	11 to 25 beds	26-50 beds	51-100 beds	100 and above beds
Appropriate stand to fix massage table: 2.5ft. height	One per service room- if service is provided	One per service room				
Arm chair	One per service room					
massage table: Minimum 7ft. x 2.5ft (wood or fibre)	One per service room					
Footstool	One per service room					
Gas/Stove	One per service room					
hamox stretchers / Stretchers with wheels	One per service room					
Heating facilities	One per service room					
Hot water bath	One per service room					
IV stands	One per service room					
Massage table of 7ft. x 2.5ft (wood or fibre)	One per service room					
Mixture/Grinder/Churner	One per service room					
Plastic aprons, gloves and mask	One per service room					
Pressure cooker (5 liters) meant for swedan	One per service room					
Shirodhara stand and shirodhara table	One per service room					
Stool	One per service room					
Sufficient light and ventilation	One per service room					
Nums (Swedana) chamber	One per service room					
Skyug (Vamana) set	One per service room					
Adjustable chair	One per service room					
Wheel chairs	One per service room					
Minor surgery Section						
OT table / Lithotomy Table with Side Railings	Minimum 1 per service room					
OT light	Minimum 1 per service room					
Tarka (Raktamokshana)						
Storage Aquarium for fresh leeches: 20-25 liters capacity (may be with partitions)	Optional					Minimum 1
Glass containers (1 liter capacity) for storing used leeches:	Optional			5-10 (for each patient requires separate container and the number may vary according to the number of patients)		
Examination table	Minimum 1					
Surgical trolley	Optional			Minimum 1		

C.2.2 Sundry Articles Requirement

Furniture/Fixture Requirements							
Hospital Fittings & Necessities							
SN	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
1	Air conditioners Central Heating for OT	Optional	Optional	Optional	Minimum 1	Minimum 1	Minimum 1
2.	Ambulance	Optional	Optional	Optional	Optional	Minimum 1	Minimum 1
3.	Ceiling / wall Fans	As needed					
4.	Clock	1 per ward					
5.	Computer with modem with UPS, printer with internet connection	As needed					
6.	Coolers/ Central Heating system	As needed					
7.	Drinking Water purifier	As needed					
8.	Emergency lamp	2 Per Area/ Ward					
9.	Emergency trauma set	2 per ward					
10.	Exhaust Fan	As needed					
11.	Fire extinguishers	As needed					
12.	Geyser	1 per ward					
13.	Refrigerator	1 per ward					
14.	Storage Geyser	1 per ward					
15.	Tables & Chairs	As needed					
16.	Telephone/ cell phone	1 per ward					
17.	Tube lights	As needed					
18.	Vacuum cleaner	As needed					

C.2.3 Others

Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Computer with Modem with UPS, Printer with Internet Connection	As needed					
Xerox Machine	As needed			1 per ward		
Intercom (10 lines)	As needed					
Fax Machine	-	As needed				
Telephone	One per organization					Two per organization
Public Address System	-	Covering Indoor and OPD Areas				

C. 3 Engineering Services Requirements

This will include the detail information about the basic requirements including

C.3.1 Electrical Requirements

1. At least 3 hours backup or generator for critical areas
2. Primary electrical Supply is available as provided by the local utility provider. Lighting back up for at least 1 hour covering all functional areas must be available during the functioning time.
3. Primary electrical Supply as supplied by utility provider. Emergency backup for at least 3 hours backup for electricity & for lighting and critical equipment must be available during the functioning time. Take over time must be less than 30 seconds. Electric supply to lighting will be backed up with UPS/ Inverter/ Battery.
4. The illumination in the hospital is provided as per the prescribed standards.
5. Shadow less lights should be provided in operation theatres and delivery rooms.
6. Emergency portable light units should be provided in the wards and departments.

C.3.2 Plumbing Requirements

4. Number of Wash basins

- i. 1 for every 20 persons or part there
- ii. Doctor, staff, patients and visitors have an access to wash basin(s) 1 for every 50 persons or part there.
- iii. Dirty utility & surgical / procedural hand wash basin will be separate from general use & one each.

5. Number of Water closets

- i. 1 for every 20 beds or part thereof.
- ii. Doctor, staff, patients and visitors have an access to wash closet(s) 20 beds or part thereof.

6. For in-patient department

a. No. of Wash basins

- i. 1 for every 12 beds or part thereof
- ii. Doctor, staff, patients and visitors have an access to wash basin(s);
- iii. Procedure hand wash basins are separate and located close to procedure area. 1 for every 12 beds or part thereof

b. No. of Water closets

- i. 1 for every 6 beds or part thereof
- ii. Separate water closets are available for use for outpatient and in-patient areas.

- iii. For in-patient areas the water closets are provided in the ratio of 1 per 6 beds and are located close to patient care areas.

c. No. of bathrooms

- i. Minimum 1 bathroom per 6 beds/ one for each ward rooms
- ii. Minimum 1 bathroom per 6 beds/ one for each therapy rooms

d. WC

- i. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- ii. Average size of toilet : 810 mm X 1800mm with grab bars
- iii. Minimum 1 WC per 6 beds/ one for each Male & Female wards
- iv. At least one wheel chair friendly toilet of dimensions 2200mm X 1800mm must be provided.

C.3.3 Civil Requirements

1. Space between 2 rows of beds in a ward should be minimum 5 ft.
2. Distance between 2 beds should be minimum 3.5 ft. if more than one bed is present
3. If clinic has beds then: measured between the facing borders of adjoining beds there shall be at least 3 feet of distance if the beds are mobile and provided with functional wheels and at least 4 feet if beds do not have functional wheels.
4. If there are no beds then this requirement is not applicable.
5. Size of hospital bed should be minimum 6' x 3'
6. Area per bed should be Minimum 50 sq. ft. / bed

C.3.4 HVAC / AC / Ventilation / Cross Ventilation Requirements

1. Air-conditioning and Room Heating in operation theatre and neo-natal units should be provided.
2. The ventilation in the hospital may be achieved by either natural supply or by mechanical exhaust of air.
3. Cross ventilation/ Mechanical ventilation by fans and or exhausts to achieve comfortable environment without noxious odours.

C.3.5 Others

1. Air coolers or hot air convectors may be provided for the comfort of patients and staff depending on the local needs.

C.4 Public Utilities

C.4.1 Safe drinking water

1. Round the clock availability of safe drinking water for patients, staff and visitors.
2. Hospital should be provided with water coolers and refrigerator in wards and departments depending upon the local needs.

C.4.2 Sanitary Requirements

1. Arrangement should be made for round the clock piped water supply along with an overhead water storage tank with pumping and boosting arrangements.
2. Approximately 10000 liters of potable water per day is required for a 100 bedded hospital.
3. Separate provision for firefighting should be available.
4. Water softening plant should be considered where hardness of water is a major problem.

Drainage and Sanitation

1. The construction and maintenance of drainage and sanitation system for waste water, surface water, sub-soil water and sewerage shall be in accordance with the prescribed standards. Prescribed standards and local guidelines shall be followed.
2. **Waste Disposal System:** As per Bio-Medical Waste Management Rules, 2016.

D. Equipment /instruments: This includes the type, number, minimum specification & functionality of equipments required in the facility under the following headings

D.1 Therapeutic equipment

1: Outpatient department (OPD)

	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
1	A chair and a table for doctor	1 per consultation room					
2	X-ray viewer	Optional	Optional	Optional	1 per consultation room		
3	An examination table of 6 ft. X 2.5 ft. With privacy screen	1 per consultation room					
4	Blood pressure apparatus	1 per consultation room					
5	Stethoscope	1 per consultation room					
6	Torch	1 per consultation room					
7	Thermometer	1 per consultation room					
8	Weighing machine.	1 per consultation room					
9	Essential diagnostic tools required for examination of patients as per the scope of services offered by the hospital.	As per requirement					
10	Light source which gives light colour and temperature similar to solar light, Light intensity of at least 500 lux at the point of examination.	As per requirement					

2: In-Patient department (IPD)

2:Equipments /instruments for In-Patient department (IPD):						
	Name of the Equipment	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51to 100 bedded Hospital	100 and Above bedded hospital
1	Ambu bags	2	3	4	6	6
2	Arm Board Adult	3	6	12	12	24
3	Autoclave Drums	1	3	6	6	9
4	Back rest	1	2	4	4	8
5	Bain marie trolley stainless steel 1 per floor	1	1	2	2	4
6	Bed pans, 1 per 5 patients	2	6	20	20	50
7	Biomedical waste colour coded bins	Each floor				
8	Cheatele forceps assorted sizes	2	3	8	10	16
9	Clock per ward	1	1 per ward			
10	Containers for kitchen	As required				
11	Dressing trolley-1 per floor/ ward depending on layout	1 per ward				
12	Dust bins in each ward & consultation room	1 per ward				
13	Emergency resuscitation kit	1 per ward	1 per floor			
14	Enema Set	As required				
15	Fridge	As required				
16	Heavy duty Torch light - 1 per ward	As required	1 per ward			
17	Hot Water Bags 2 per ward	2 per ward	2 per ward			
18	I V Stands - 2 per 10 beds	2	2 per 10 beds			
19	Infra-Red lamp		3	5	5	10
20	Instrument tray - minimum 1 per ward	minimum 1 per ward				
21	Instrument trolley - 1 per ward	minimum 1 per ward				
22	Intercom System	As required				
23	Kidney Trays-1 per 5 beds	2	1 per 5 beds			
24	Massage table of 7ft. x 2.5ft (wood or fiber)/ Wooden massage bed	As required	1 per treatment room			
25	Medicine trolley	1 per ward	minimum 1 per ward			
26	Needle cutter - 3 per ward	1 per ward	3 per ward			
27	Non mercury Thermometer clinical - 1 per ward	1 per ward	1 per ward			
28	O2 cylinder with spanner - 1 per ward	1 per ward	1 per ward			

29	Patients examination table- 1 per ward/ floor a per the profile of patients & layout of facility	1 per ward	1 per ward
30	Sphygmomanometers-Stand Type 1& Portable (aneroid or Digital) Type X 1 – 1 per ward	As required	1 per ward
31	Stretcher/ Patient trolley – 1 per ward	1 per ward	1 per ward
32	Weighing Machine – 1 per ward	As required	1 per ward
33	X-ray viewer – one per ward	As required	1 per ward

3: Las-na (Panchakarma) Therapy Room

Name of the Equipment	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26 to 50 bedded hospital	51-100 bedded Hospital	100 and Above bedded hospital
Appropriate stand to fix massage table : 2.5ft. height		Minimum 1 per service room				
Autoclave equipment for sterilization		Minimum 1				
Autoclave/Sterilizer		Minimum 1				
Jam-rTsi (Basti) yantra		Minimum 1				
Bedpan (male and female)		As needed				
Buckets/Plastic tubs/Basin(with provision of measuring scale)		As needed				
Clock		1 Per Area/ Ward				
Dhumapana Yantra		Minimum 1 per service room				
massage table: Minimum 7ft. x 2.5ft (wood or fibre)		Minimum 1 per service room				
Enema pot		As needed				
Gas/Stove		Minimum 1				
hamox stretchers / Stretchers with wheels		Minimum 1				
IV stands		As needed				
Kidney trays		As needed				
Knife and scissor1 each		As needed				
Massage table of 7ft. x 2.5ft (wood or fibre)		As needed				
Measuring glasses set		Minimum 1				
Mixture/Grinder/Churner		Minimum 1				

Nasyakarma set	Minimum 1					
Netrabasti Yantra	Minimum 1					
Plastic aprons, gloves and mask	As needed					
Pressure cooker (5 liters) meant for swedan	Minimum 1					
Rubber Catheters without cracks & without frayed edges	As needed					
Shirodhara stand and shirodhara table	Minimum 1					
Small pillows covered with rexin sheet	As needed					
Sphygmomanometer	Minimum 1					
Spittoons	Minimum 1					
Stethoscope	Minimum 1					
stop watch	Minimum 1					
Stretchers with wheels	Minimum 1					
Sufficient light and ventilation	As needed					
Swedana chamber	Minimum 1					
Thermometer digital	Minimum 1					
Vamana set	Minimum 1					
Vamanpeetha (Adjustable chair)	Minimum 1					
Tarka (Raktamokshana)						
Storage Aquarium for fresh leeches: 20-25 liters capacity (may be with partitions)	Optional					
Glass containers (1 liter capacity) for storing used leeches:5-10 (for each patient requires separate container and the number may vary according to the number of patients)	Minimum 1					
Examination table	Minimum 1					
Surgical trolley	Optional	Optional	Optional	Minimum 1	Minimum 1	Minimum 1
Leeches :As per the requirement, usually 3-5 leeches per patient/ treatment period)	As needed					
Surgical tray	1 per ward					
Instruments : Different types of Forceps, Scissors, Needles, Suturing material etc. (as per requirement)	Adequate					
As per requirement: Dressing tray with gloves, bandage cloth, bandages etc.	Adequate					
Materials: Turmeric, Saindhalavana, Jatyadi ghrita, honey. (as per requirement)	Adequate					

D.2 Surgical equipments

1: Operation Theater

1:Equipment Requirements for Operation Theater						
Name of the Equipment	Clinic	Minimum 10 bedded hospital	1 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Anterior vaginal wall retractor						Adequate
Artery forceps						Adequate
Auto Clave HP Vertical (2 bin)						Minimum 1
Autoclave equipment for sterilization/Sterilizer						Minimum 1
Bladder sound (Urethral dilators) of different sizes						Minimum 1
Crash Cart with lifesaving drugs and Resuscitation Kit						Minimum 1
Cusco's Speculum						As needed
Diathermy Machine (Electric Cautery)						As needed
Disposable syringes (5-10cc)						As needed
Enema Pot						Minimum 1
Focus lamp Ordinary						Minimum 1
Foley's Catheter						As needed
Formaline dispenser						Minimum 1
General Surgical Instrument Set Piles, Fistula, Fissure						Minimum 1
Instrument Trays of various Sizes						Adequate
Instrument Trolley						As needed
IV stands						As needed
Kidney Tray						As needed
Knife and scissor 1 each						As needed
LP Tray						Adequate
Magill's forceps (two sizes)						Adequate
Metallic or disposable insemination cannula						Adequate
Operation table Hydraulic Minor with stand						Minimum 1
OT Spot light (Shadowless ceiling fitted/ stand mounted)						Minimum 1
Oxygen Cylinder						Minimum 1
Oxygen Mask with Circuit						Minimum 1
Plastic aprons, gloves and mask						Adequate
Shadowless lamp ceiling type major / minor	1	1	1	1	2	2
Shadowless Lamp stand model						Minimum 1
Sims speculum in small, medium & large size						Adequate
Sphygmomanometer						Minimum 1
Sterile cotton						As needed
Sterile gloves						As needed
Steriliser Small (Instruments)						As needed
Sterilizer big (Instrument)						As needed
Sterilizer Medium (Instrument)						Minimum 1
Stethoscope						Minimum 1
Suction Apparatus - Electrical						Minimum 1

Suturing Set	Minimum 1
Swab holders	Minimum 1
Thermometer	Minimum 1
Tongue depressors	Minimum 1
Toothed forceps	Minimum 1
two long (8 inch)& two short (6 inch) Artery forceps	Minimum 1
two Uterine sound	Minimum 1
Urethral Dilator Set	Minimum 1
Vaginal Examination set	Minimum 1
Vulsellum	Minimum 1

2: Anesthesia

2: Equipment Requirements for Anesthesia							
	Name of the Equipment	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	25-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
1	Airway female & male		Optional			Adequate	
2	Anaesthesia Trolley / Boyle's Apparatus					Minimum 1	
3	Anesthetic- laryngoscope Magill's with four blades					Minimum 2	
4	CO2 cylinder for laparoscope					Minimum 1	
5	Connector set of six for ETT					Minimum 1	
6	Defibrillator/ AED					Minimum 1	
7	Endotracheal tube sets					Minimum 1	
8	Magills forceps (two sizes)					Minimum 1	
9	Mouth prop					Minimum 1	
1	Multi-parameter Monitor					Minimum 1	
11	N2O Cylinder for Boyles					Minimum 1	
12	O2 cylinder for Boyles					Minimum 1	
13	Tongue depressors					Adequate	
14	Tubes connecting for ETT					Adequate	

D.3 Diagnostic equipments

1: Imaging Equipment

1. Imaging Equipment						
Name of the Equipment	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
300 M.A. X-ray machine	Optional			Optional	Optional	Minimum 1
Ultra Sonogram (Obs & Gyne. department should be having a separate ultra-sound machine of its own)				Optional	Minimum 1	Minimum 1
Echocardiogram				Optional		
X-ray developing tank				Minimum 1		
Safe light X-ray dark room				Minimum 1 if X –ray machine exists		
Cassettes X-ray				Minimum 1 if X –ray machine exists		
Lead apron				Minimum 1 if X –ray machine exists		
Intensifying screen X-ray				Minimum 1 if X –ray machine exists		
Thyroid shield				Minimum 1 if X –ray machine exists		
TLD batches				One per person		
Gonadial guard				Minimum 1 if X –ray machine exists		
X-ray lobby single				Minimum 1 if X –ray machine exists		

2: Laboratory Equipment

Sn	Name of the Equipment	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital
1	Alarm clock	Optional	Optional	1 Per Area/ Ward		
2	Automatic cell counter			Optional	Optional	Minimum 1
3	Auto analyzer/ Semi auto analyzer			Optional		
4	Binocular Microscope			Minimum 1		
5	Chemical Balances			Minimum 1		
6	Counting chamber			Minimum 1		
7	Electric Colorimeter			Minimum 1		
8	Electricentrifuge, table top			Minimum 1		
9	ESR stand with tubes			Minimum 1		
10	flame photometer			Minimum 1		
11	Glucometer			1 Per Area/ Ward		
12	Hemoglobinometer			Minimum 1		
13	Hot air oven			As needed		
14	Hot plates			As needed		
15	Lab Incubator*			As needed		
16	Laboratory Auto Claves			As needed		
17	Micro pipette of different volumes			As needed		
18	PH meter			As needed		
19	Refrigerator			Minimum 1		
20	Rotor / Shaker			Minimum 1		
21	Simple balances			Minimum 1		
22	Spirit lamp			Minimum 1		
23	TCDC count apparatus			As needed		
24	Test tube holders			As needed		
25	Test tube rack			As needed		
26	Test tube stands			As needed		
27	Timer stop watch			As needed		
28	Water bath			As needed		

D.4 Emergency equipments

Name of the Equipment	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Emergency equipment box for first aid & BLSS	Optional	Minimum 1				
Crash-Cart trolley:1		Minimum 1				
Portable defibrillator:1	Optional	Optional	Optional	Minimum 1		
Disposable syringes		As needed				
Ambu Bag:1		Minimum 1				
Laryngoscope with cell		Minimum 1				
Sealed battery cell		Minimum 1				
Endotracheal tubes		As needed				
Monitor		As needed				

D.5 Sterilizing Equipment

sn	Name of the Equipment	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
1	Auto Clave HP Vertical (2 bin)	As needed		Minimum 1			
2	Autoclave equipment (drums or trays) for sterilization/Sterilizer	Adequate					

E. Manpower

This includes the Designation, minimum qualification & number of people required in the facility.

E.1 Medical practitioners

5. **Category:** Doctors
6. **Minimum Qualifications:** Degree/ Post Graduate Degree from recognized university by Central Government or State government of Indian Medicine.
7. **Registration:** (if applicable): with state or central council of Indian Medicine
8. **Trained / skilled:** Trained

Doctors BSRMS/ MD	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Hospital Superintendent	-	1	1	1	1	1
BSRMS	1	1	1	2	3	4
MD in Las-na (Panchakarma)	Optional	Optional	1	1	1	2
MD in Lus-yanlad (Kayachikitsa)	Optional	1	1	1	1	2
MD in Chis-pa (Balroga)	Optional	Optional	Optional	Optional	1	2
MD in Mo-nad (Prasuti & Striroga)	Optional	Optional	Optional	Optional	1	2
MD in Chad (Shalya0)	Optional	Optional	Optional	Optional	1	2
Anesthetist	Optional	Optional	Optional	Optional	Optional	Optional
Radiologist DMRE/ MD in concerned subject	Optional	Optional	Optional	Optional	Optional	Optional
Pathologist (visiting/part time/full time)	Optional	Optional	Optional	Optional	1	2
Casualty Doctor / General Duty Doctor	Optional	1	1	Optional	1	2

Therapists - Technicians	Clinic	Minimum 10 bedded Hospital	11to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Las-na (Panchakarma) Technicians- Female	1	1	1	2	3	4
Las-na (Panchakarma) Technicians Male	1	1	1	2	3	4
Las-na (Panchakarma) Assistant - Female	-	1	1	2	3	4
Las-na (Panchakarma) Assistant Male	-	1	1	2	3	4

E.2 Therapists:

1. **Category:** Las-na (Panchakarma) Technicians
2. **Minimum Qualifications:** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
 - a. Las-na (Panchakarma) Technicians should have at least done certified course in Las-na (Panchakarma) of at least 6 months - 1 year duration as recognized by state of central council for Ayurveda.
 - b. Las-na (Panchakarma) Assistant should have at least done certified course in Las-na (Panchakarma) of at least 6 months duration as recognized by state of central council for Sowa-Rigpa.
3. **Registration:** (if applicable): state or central council of Indian Medicine
1. **Trained / skilled:** Trained

Category: Paramedics

2. **Minimum Qualifications:** (diploma/degree from recognized university by Central Government or State government of Indian Medicine.)
3. **Registration with the concerned council**(if applicable): state or central council
4. **Trained / skilled:** Trained

E.3 Paramedics

Paramedics	Minimum qualification	Clinic	Minimum 10 bedded Hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	50-100 bedded hospital	
Clerk for Billing	Minimum qualification-12th Standard passed.	-	Optional	1	1	2	2
Cook (if food is cooked in-house)	Experience of working in mass kitchen for at least 1 year at senior cook or at in charge level.	As per requirement					
Driver (Only in case hospital has its own vehicle for patient or ambulance services)	Driver's License for the category of vehicle With State Road Transport Office. If driving an ambulance, specific training is required.	As per requirement					
ECG Technician (if ECG services are provided in-house)	1 year experience of taking ECG	-	As per requirement	1	1	1	2
Electrician	If exists, Diploma in Electrical Engineering.	-	As per requirement	1	2	2	3
Hospital worker (OP/ward +OT)	Eighth standard completed		2	5	5	10	20
Housekeeping Staff	Ability to read national or local language	1	1	1	2	3	6
Kitchen Servant (if food is cooked in-house)	-	As per requirement					
Laboratory Attendant (Hospital Worker) (if lab is in-house)	Ability to read national or local language	-	As per requirement	2	2	6	10
Laboratory Technician (if Lab is in-house)	Qualified Laboratory Technician	-	As per requirement	2	3	6	10
Maintenance person	If exists, Diploma in Electrical Engineering.	-	As per requirement	1	1	2	3
Medical Records	12th Standard passed.	-	As per requirement	1	1	1	2

Officer / Technician			nt				
OT Assistant (if surgical services are provided)	12th Standard passed.	1	As per requirement	2	2	3	4
Peon	Eighth standard completed	-	As per requirement	1	1	1	2
Pharmacist (if pharmacy is in-house)	Diploma in Sowa-Rigpa Pharmacy or equivalent degree (-	1	2	4	6	8
Plumber	-	-	As per requirement	1	1	1	2
Radiographer (if Imaging is in-house)	Qualified Radiographer		As per requirement	1	1	1	1
Sanitary Worker	-		2	5	5	10	15
store keeper/ Manager	12th Standard passed.	-	As per requirement	-	1	1	1
Therapy Assistant Minimum 1	Eighth standard complete	As per requirement					
Ward Ayah Minimum 1 per ward/ floor	Eight hstandard complete	As per requirement					
Ward boy Minimum 1 per ward/ floor	Eighth standard complete	As per requirement					

E.4 Nurses:

1. **Category:** Nursing
2. **Minimum Qualifications:** Qualified Sowa-Rigpa Nurse/ GNM or BSc or MSc Nursing
3. **Registration:** State Nursing Council of where hospital is located
4. **Trained / skilled:** Trained

Sn	Nursing Staff	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
1	Staff Nurse	Optional	2	1 for every 10 beds in IPD and 2 for OPD attendance up to 150 patients and 1 extra each for additional 100 patients.			
2	Matron	-	1	1	1	2	2

E.5: Administrative Staff: will depend on requirement and may be outsourced

Administrative staff	Clinic	Minimum 10 bedded hospital	11 to 25 bedded Hospital	26-50 bedded Hospital	51-100 bedded hospital	100 and Above bedded hospital
Office Superintendent/ Hospital Administrator	-	1	1	1	1	1
Accountant	-	1	2	2	3	5
Computer Operator	-	1	6	6	10	15
Security Staff*	-	2	2	4	6	10

F. Drugs

This segment includes the minimum essential drug which needs to be maintained in the facility.

F.1 Anesthetics drugs

Category: Anesthetics drugs			
	Name of the Drug	Strength	Minimum Quantity
1.1 General Anesthesia (to be given only by a qualified allopathy anesthetist)			
1	Ether,		As per requirement
2	Halothane		As per requirement
3	Isoflurane*		As per requirement
4	Ketamine Hydrochloride Injection	10 mg / ml, 50 mg / ml	As per requirement
5	Nitrous Oxide	medical grade	As per requirement
6	Oxygen	medical grade	As per requirement
7	Injection Thiopentone Sodium	0.5 g, 1 g powder	As per requirement
1.2 Local Anesthesia			
8	Injection Bupivacaine Hydrochloride	0.25%,0.5% 0.5% + 7.5% Glucose	As per requirement
9	Spray Ethyl Chloride	1%	As per requirement
10	Injection Lignocaine	Topical Forms 2-5%	As per requirement
11		Hydrochloride 1-2% Spinal 5% + 7.5% Glucose	As per requirement
12	Injection Lignocaine Hydrochloride + Adrenaline	1%, 2% +Adrenaline 1:200,000 In vial 1.3	As per requirement
1.3 Preoperative Medication and Sedation for Short Term Procedures			
13	Injection Atropine Sulphate	0.6 mg / ml	As per requirement
14	Injection Diazepam	5 mg Injection 5 mg / ml	As per requirement
15	any other medication as decided by the concerned anesthetist		As per requirement

F.2 Emergency drugs

Category: Emergency Drugs			
Sr. no.	Name of the Drug	Strength	Minimum Quantity
1.	Inj. Adrenaline	As per I.P.	Minimum 10 Ampoules/ Vials
2.	Inj. Atropine	As per I.P.	Minimum 10 Ampoules/ Vials
3.	Inj. Calcium Carbonate	As per I.P.	Minimum 10 Ampoules/ Vials
4.	Inj. Dopamine	As per I.P.	Minimum 10 Ampoules/ Vials
5.	Inj. Dobutamine	As per I.P.	Minimum 10 Ampoules/ Vials
6.	Inj. Nitroglycerine	As per I.P.	Minimum 10 Ampoules/ Vials
7.	Inj. Sodium Bicarbonate	As per I.P.	Minimum 10 Ampoules/ Vials
8.	Inj. Hydrocortisone	As per I.P.	Minimum 10 Ampoules/ Vials
9.	Inhaler Beclomethasone (250 micro/dose)	As per I.P.	Minimum 10 Ampoules/ Vials
10.	Inhaler Salbutamol (200 micrograms)	As per I.P.	Minimum 10 Ampoules/ Vials
11.	Inj. Frusemide	As per I.P.	Minimum 10 Ampoules/ Vials
12.	Inj. Diazepam/Midazolam	As per I.P.	Minimum 10 Ampoules/ Vials
13.	Inj. Deriphyllin	As per I.P.	Minimum 10 Ampoules/ Vials
14.	Inj. Phenytoin sodium	As per I.P.	Minimum 10 Ampoules/ Vials
15.	Inj. Avil	As per I.P.	Minimum 10 Ampoules/ Vials
16.	Inj. Ondansetrone	As per I.P.	Minimum 10 Ampoules/ Vials
17.	Inj. KCl	As per I.P.	Minimum 10 Ampoules/ Vials
18.	Inj. Lignocaine 2%	As per I.P.	Minimum 10 Ampoules/ Vials
19.	Inj. Amiodarone	As per I.P.	Minimum 10 Ampoules/ Vials
20.	Inj. Magnesium sulphate	As per I.P.	Minimum 10 Ampoules/ Vials
21.	Inj. Mannitol	As per I.P.	Minimum 10 Ampoules/ Vials
22.	Inj. Morphine/Inj. Pethidine	As per I.P.	Minimum 10 Ampoules/ Vials
23.	Inj. Noradrenaline bititrate	As per I.P.	Minimum 10 Ampoules/ Vials
24.	Inj. Fentanyl	As per I.P.	Minimum 10 Ampoules/ Vials
25.	water for Injection	As per I.P.	Minimum 10 Ampoules/ Vials
26.	Inj. Sodium Valporate	As per I.P.	Minimum 10 Ampoules/ Vials
27.	Inj. Voveran	As per I.P.	Minimum 10 Ampoules/ Vials
28.	Inj. Paracetamol	As per I.P.	Minimum 10 Ampoules/ Vials
29.	Mannitol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
30.	Metoprolol Injection	As per I.P.	Minimum 10 Ampoules/ Vials
31.	N/2 saline Injection	As per I.P.	Minimum 10 Ampoules/ Vials
32.	Oxygen Inhalation	As per I.P.	Minimum 10 Ampoules/ Vials
33.	Oxytocin Injection	As per I.P.	Minimum 10 Ampoules/ Vials

F.3 General Drugs:

To be prepared

G. Consumables

This includes the minimum quantity of the commonly used consumables in the facility which should be made available.

G.1 Surgical

Sr. no.	Surgical Consumables
1.	Bandage rolled
2.	caps & mask
3.	Catgut Chromic a)1 No., 2 No., 1-0 No, 2-0 NO, 8-0
4.	Clinical thermometer
5.	Developer
6.	Draw sheets
7.	ECG Paper Roll
8.	Ether Anesthetic 500ml
9.	Fixer
10.	Gown
11.	Halothane
12.	HIV Kits if necessary
13.	Hypodermic Needle (Pkt. of 10 needle) No.19, 20, 21, 22, 23, 24, 25, 26
14.	Indicator tape for sterilization by pressure autoclave
15.	Isopropyl Alcohol swab
16.	IV Cannula
17.	Leg drape
18.	Mackintosh
19.	Mask
20.	Non Sterile Surgical rubber gloves
21.	Plastic aprons
22.	Prolene
23.	Rubber Mackintosh Sheet in meter
24.	Scalp vein sets no a)19, 20, 21, 22, 23, 24, 25, 26
25.	Shaving blade -packet of 5
26.	Small and large plastic bottle for keeping his to histo-pathological samples
27.	sterile sheets
28.	Sterile disposable syringes
29.	sterile Dressing pads
30.	Sterile Infusion sets(Plastic)
31.	Sterile Surgical rubber gloves
32.	Surgical Disposable
33.	Surgical Gloves a)6 ", 6.1/2", 7", 7.5"
34.	Surgical marking pens/permanent marker ink pen