

Site Selection

1. Inventory and distribution of health facilities
 - i. Identify existing gaps in health facilities and services
2. Identify service catchment area
 - i. Politico-administrative boundaries
 - ii. Geographical boundaries
 - iii. Time boundaries
3. Factors to be considered in locating a hospital
 - i. Within 1hr travel time (point of access to point of)
 - ii. Grouped with other institutional facilities (eg. educational, religious, cultural, commercial)
 - iii. Free from natural hazards such as flooding, fault lines, landslides
 - iv. Serviced by public utilities
 - v. Accessible to public transportation
 - vi. Beyond minimum setback from bodies of water
4. General criteria
 - i. Size
 - a. Large enough to accommodate planned expansions
 - b. Recommended areas
 - 25-bed capacity – 2 has. (800 sqm. per bed)
 - 100-bed capacity – 4 has. (400 sqm. per bed)
 - 200-bed capacity – 7 has. (350 sqm. per bed)
 - 300-bed capacity – 10 has. (333 sqm. per bed)
 - ii. Topography
 - a. Flat terrain - easier and generally less expensive to build on
 - b. Sloping terrain - more difficult and expensive but solutions can be innovative

- iii. Drainage
 - a. Terrain must allow for movement of run-off water away from the building and site
- iv. Soil conditions
 - a. Major determinant of foundation design
 - b. Recommended soil characteristics should adhere to conditions that would allow conventional, economical structural design
 - c. Avoid waterlogged areas, swamps and former rice fields (soft soils)
 - d. Soil bearing tests must be done at key points within the site (eg. near location of basements, tallest structure within the site, water reservoir, sewage treatment plant)
- v. Utilities available
 - a. Electrical, water, drainage, sewer and communication lines should be available
 - b. Generator, wells, water pumps and radio communication lines must also be established
- vi. Natural features
 - a. Should respond to the site so that the structure is in context with the environment
- vii. Limitations
 - a. Check for possible constraints of its use
 - Direct access to road
 - Proper ownership titles
 - Existing structures within the site

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