

# Designing and Planning of a Hospital Building.

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**Abstract:** *Sub-health centers, as the first point of contact between the community and the primary health care system, require adequate physical infrastructure to function effectively. According to the Indian Public Health Standards (IPHS), each sub-center should have a designated building within the village, equipped with basic amenities such as electricity, water supply, and sanitation facilities. The building should include separate spaces for consultation, immunization, and storage of medical supplies. Adequate furniture and equipment are essential to ensure the smooth delivery of health services. Despite these guidelines, many sub-centers face challenges such as inadequate infrastructure and lack of continuous utilities, which hinder their ability to provide quality care.*

**Keywords:** Focused on materials, testing methods, cost estimation processes, and Optimization of cost