

Analysis on Hospital Construction Technology Management and Construction of Barrier - free Facilities

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0. Introduction

Hospital construction management involves many contents of many aspects. Not only the construction quality shall be taken into account, but also the realization its unique function shall be given sufficient attention. Therefore, appropriate management methods and management concepts shall be adopted in the hospital construction technology management to guarantee the quality of construction, promote the construction management level and provide a solid foundation for the realization of the hospital function.

1. Analysis of the Positive Significance of Hospital Construction Technology Management

Hospital construction management involves construction period, technology and construction materials and other aspects of the contents, among which the management of construction technology is one of the key links. As its content is more complex, it needs the development units, construction units and supervising units to coordinate to ensure the smooth development of management. The effective

management of the construction technology can effectively promote the technical work in an orderly manner and promote the construction can be carried out safely and efficiently. It can be seen that the construction technology management is an important means to improve the construction quality. At the same time, efficient construction technology management can also strengthen technical management personnel's understanding on construction technology and construction progress, effectively enhance their professional quality and enrich their work experience, which will bring great benefits no matter to their own or the construction enterprises.

2. Analysis on the Effective Measures of Hospital Construction Technology Management

2.1 Strengthen the Penetration and Implementation of Technical Standards and Norms

In the hospital construction process, the guarantee of the overall quality of construction is the premise of application of construction technology. In order to achieve this goal, it

Abstract: In recent years, with the continuous progress of urban modernization in China, the intensity of urban infrastructure construction has been continuously strengthened. As an important part of urban infrastructure, the construction quality of hospital must be guaranteed. Therefore, we must strengthen the management of hospital construction. As an important part of construction management, the management of construction technology must be given sufficient attention. This article will study the management of hospital construction technology and the construction of barrier-free facilities further.

Key words: Hospital construction; construction technology management; barrier - free facilities

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must be clear about the relevant standards and norms of construction technology. Construction technology standard is an important basis for the implementation of construction technology. In recent years, with the rapid development of China's construction industry, China's construction technology standards and norms have been improved. In general, technical standards can be divided into national standards, industry standards, local standards and business standards. In the actual construction process, only strengthening the construction technology standards penetration and implementation can effectively promote the construction to be carried out safely and normatively. Compared with civil buildings, the requirements on the stability of hospital's main structure and related components are much higher. Therefore, hospital construction must be strictly in accordance with the relevant technical standards for construction, to avoid quality defects due to cut corners.

2.2 Build a Sound Construction Technology Management System to Promote the Rational Allocation of Personnel

The construction team is the main body of the hospital construction. In order to ensure the standardization and efficiency of construction, overall quality of the construction team shall be improved. At the same time, establish a sound construction technology management system combined with the specific content of construction and conduct effective constraint on construction personnel's operation. Then effectively coordinate the relationship of units participating in the construction to lay a good foundation for construction technology management. In the specific implementation process, a professional management system shall be established for the technical

management department and hire professional technical staff to conduct strict supervision and control on technical use in hospital construction. Fully play the role of the project manager, which means that scientific management shall be carried out on all types of personnel involved in technical management to effectively improve the hospital construction technology management and control level.

2.3 Strengthen the Systematic Management of Construction Technology

The technology and craft used in hospital construction is more complex because of its function's complexity, which involves several professional systems, including drainage systems, logistics systems, information systems and fire control systems, etc. Therefore, construction staff will take different construction techniques based on the construction requirements of different systems. The management of construction techniques also can be divided several separated systems, which can not only make the construction techniques management to be more orderly, but also can improve the efficiency and quality of management.

2.4 Strengthen the Management of Construction Materials

As the quality of construction materials directly affects whether the effect of construction technology can be maximized, the management of construction materials is very important. The construction techniques used in the construction of the hospital is more and the types and number of materials are also very large, which has brought great challenges for the management. In the specific management process, the management of materials purchase shall be strengthened firstly. A scientific and rational procurement plan shall be developed

according to the specific requirements of construction and construction period and strict inspection shall be conducted on materials' quality and performance. The same inspection shall be conducted on materials when they are transported to construction site to prevent the materials with defects from entering into the site. The management of materials on construction site shall to be carried out very well. Different materials with different characteristics shall be stored with their suitable management methods to avoid damage on materials' quality.

2.5 Improve the Construction Technology Management System

A corresponding management system shall be established according to the characteristics of construction technology management in the process of hospital construction and the check on construction drawings and organizational design also shall be strengthened. A complete collection, collation and archiving for the construction technology related information shall be conducted.

3. Strengthen the Construction and Management of Barrier - free Facilities for Hospital Buildings

3.1 Analysis on the Positive Meaning of Hospital Barrier - free Facilities

Hospital building is mainly used by hospital patients who cover people of all ages in society. Therefore, the construction of hospital barrier-free facilities is essential in order to provide more convenient services for patients. In real life, hospital barrier - free facilities include barrier-free access, barrier-free elevators and accessible wards, etc.

3.2 Construction and Maintenance of Hospital Barrier - free Facilities

For the establishment of hospital barrier-free facilities, the quality of

the project must be rigorously reviewed and regular maintenance shall be made at the same time. Thus, patients can enjoy better service.

First of all, strengthen the review of the construction technology and the contents to review include construction drawings and organization design documents, etc. Construction personnel must conduct construction strictly in accordance with the contents of the construction drawings. At last, do good maintenance for the facilities. The hospital must set up a special department who is responsible for

the maintenance of barrier-free facilities and identifying problems in a timely manner to avoid adverse effects on patients.

4. Conclusion

A sound management system must be established in the management of hospital construction to promote the efficient development of management. Only effectively coordinating the relationship can guarantee the construction quality. For the construction of barrier-free facilities, they can be managed from review, acceptance and maintenance and make good maintenance after

the facilities are put into use.

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