

Study on the Integration of Design and Construction of Architectural Decoration and Decoration Engineering

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【 Abstract 】 Architectural interior decoration design is a kind of discipline which deals with the relationship between architectural environment and human beings, shapes the overall architectural space environment, and improves people's living space and the quality of life. The use of the corresponding technical means, plastic arts and so on to carry out the comprehensive design of the function, technology and art of the artificial environment. Based on this, the following paper studies the integration of design and construction of architectural decoration engineering.

【 Keywords 】 architectural engineering; decoration and decoration; design and construction; integration

1 Introduction

Building decoration engineering design and construction integration is through the design and construction of effective and reasonable division of labor and arrangement, the design work and construction work to complement each other, complement each other, improve the working mechanism, coordinate the construction of decoration and the structure of the building, ensure its coordination, at the same time reduce the construction time limit, save various resources, strengthen the engineering quality, construction units and enterprises must pay attention to the design and construction of corresponding improvement and improvement.

2 Overview of building decoration engineering

One of the most basic links in the construction industry is the building decoration and decoration engineering, and the building decoration is designed to maintain and transform the buildings. The building operator or owner will invest a certain amount of money in the building decoration, and transform it into physical operation through the construction of the project.

The rapid development of the construction industry is relying on the social accumulation of wealth for many years and rapid growth of fixed investment amount, and its development model presents the characteristics of extensive, low-end and extension, most of the construction engineering, labor and mechanical equipment investment proportion is larger, but about technology research and development funds less, scientific research effect is low, industry failed to make good use of technology management of design and construction, lead to the industry economic profit is low, sustainable development ability is weak. Construction engineering failed to form between different production steps, including survey, design, construction, procurement of low coordination, the construction site management standard is low, lead to the quality of construction products is not stable, quality is low, the role of the construction project failed to give full play, safety accidents in the project is difficult to solve. There are many unequal transactions in the construction market. Due to the lack of standardization in the construction market environment, it is difficult for construction enterprises to develop and grow, and their competitiveness is weak, which hinders the further development of the industry.

3 Current situation of Chinese building decoration project

At present, the research and engineering practice of engineering project management in China are still in the initial stage, still in a relatively extensive state, and have not been applied to the dynamic control principle and information management system in many engineering projects. In the project, the project management of the design department and the supply department is weak, while the project management work is limited to the design and supply links, and the management work is difficult to carry out, leading to the difficult development of the project management work. At present, most of the construction enterprises in China can not compare with the international high level of engineering project management consulting companies, the internal structure of the enterprise is not perfect, which restricts the development of project management. In most construction projects in China, the contracting mode is carried out in accordance with the design-bidding-construction mode, and the characteristic of this mode is to be carried out in strict accordance with the requirements of the construction project. Only after the end of a link of work can the work of the next bad section start. However, this mode requires a long construction cycle, low efficiency, and it is difficult to achieve the expected indicators, leading to huge waste in the construction project.

4 Basic principles of architectural interior decoration design

4.1 Practical functional requirements

In the process of building interior decoration design, must implement the "people-oriented" design ideas, in the space function design around people's life, work and rest, as far as possible to create a comfortable, harmonious indoor space environment, so, in the design, to put the functional in the core position, to ensure that the design has enough rationality, comfort. In addition, the design must be deeply combined with human activities, in the implementation of the space design, to fully consider the different behavior of people in the space; in the furniture, furnishings, to combine the space function, lighting, ventilation, lighting, to ensure the rationality of the design, so as to realize the harmony of environment and tone.

4.2 Reflect the protection of the natural ecology

Therefore, it is required that before the design and construction of the field research of the site construction, to avoid adverse effects on the surrounding environment in the design. Secondly, the need to follow the humanized design principle, that is, to meet the actual needs of people's work and life. In addition, we should follow the principle of adapting measures to local conditions, combine the building environment and the cultural environment, and use green and environmentally friendly materials to adapt the local culture, climate and buildings.

4.3 Mental function needs

When designing building interior decoration, in addition to pay attention to the practical function, but also fully consider the needs of the person in the spiritual aspect. In the interior design, we should ensure that every detail can effectively reflect the style and spirit that people need. This style or spirit can have a great impact on people, which will bring certain changes to their emotions, feelings and behaviors. Therefore, in the design process, the relevant personnel should realize the needs of people in the spiritual function, and make the design of a series of scientific and reasonable means more in line with people's spiritual and emotional needs, so as to further improve the design effect.

5 The necessity of design and construction integration in the building decoration industry

5.1 The inevitable trend of industry development

With the improvement of the growing material and cultural level of the society, people have put forward higher and higher requirements for modern architectural decoration engineering, and the modernization of architectural decoration has been the inevitable trend of the development of architectural decoration industry. In the process of development, it is required to cover all aspects of architectural decoration engineering, each link step by step, scientific and orderly. This requires high requirements for the coordination and unity of design and construction, designers need to take into account two aspects, to achieve scientific and complete, constantly promote the development of building decoration engineering, improve its market competitiveness at the same time, to achieve the sustainable development of the integration of design and construction.

5.2 The idea of the construction party

In addition to paying attention to the construction quality and safety, the construction party also attaches great importance to the design link, design quality control is one of the central tasks of project management. In the process of project implementation, according to the construction contract, construction drawings, and the relevant technical specifications, standards, to inspect the whole construction process supervision and management of the construction of general contracting enterprises, internal must configuration design management, attention to design optimization and deepening design, improve the personal ability of construction enterprise designers, pay attention to details, enhance the level of fine management.

5.3 The needs of business development

In order to meet the needs of different customers and to improve their own competitive strength, enterprises need to constantly improve themselves to adapt to the needs of market changes and enhance the development prospects. In order to get a better living environment, users will also reflect the problem of insufficient professional ability, coordination and management ability of the owners in the current construction engineering to the enterprise, and can also provide the related work content in the design and construction to the building decoration enterprises, so as to jointly promote the coordination and unification of the design and construction of the decoration engineering. Through this effort, the building decoration company will provide better services, improve the development space, promote the development of the building decoration market, effectively strengthen the adaptability of enterprises, for the development of building decoration enterprises has a very positive impact and significance.

7 Conclusion

In the construction industry, the construction general contract system is fully implemented to promote the deep integration of design and construction, improve the design level, pay attention to the optimization and deepening of the design, and emphasize the overall planning of the general contractor. For some enterprises that are good at design, they should take into account improving their comprehensive project management ability, enhance the safety risk awareness of the overall project, and strengthen the project quality, progress and cost control ability. For the general contract based on construction, it is necessary to strengthen the design ability, increase the design

management, and deepen the control of design and whole-process engineering consultation.

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