

Analysis of Main Factors Affecting Construction Management and Countermeasures

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Abstract: The arrival of the current economic era has greatly stimulated the sound and rapid development of China's overall national strength and has promoted the constant progress of all walks of life. With the acceleration of urbanization, the construction industry in China is constantly improving its technical level and expanding the industry scale. The main factors and countermeasures for construction project management are to improve the importance of the entire construction project. In this process, it is necessary to strictly supervise the relevant national departments to ensure their quality, and combine them with the management factors and countermeasures to improve. In view of the main factors and Countermeasures of construction engineering management, the construction quality and supervision are effectively controlled, and the quality of the construction is supervised and managed to ensure the safety and effective management of the whole construction quality. At the same time, it is necessary to continuously improve the countermeasures in this process, so that future construction projects can be more effective.

Keywords: Construction engineering; main factors of management; countermeasures analysis

Introduction

In the current stage of rapid economic development, how can we affect the management of construction projects? How to improve the countermeasure analysis of the construction project? It has become one of the top considerations in the current construction industry. This is an opportunity for the construction team to demonstrate its capabilities and an opportunity to improve the reputation of the company. This process needs the construction management and the basic personnel to cooperate with each other. From the base of the construction, we can make an analysis of the main factors of the management of the construction of the enterprise, and improve the standard of quality and the analysis of the policy. At the same time, it is necessary to optimize control based on related issues so as to make continuous efforts for the development of the construction industry in the future, which will bring development to a decisive role.

1. The main factors of building engineering management and the necessity of countermeasures

1.1 Analysis of the importance of major factors in construction management -- the effects of natural environment and weather

In the entire construction project, construction companies and contracting teams play a crucial role. Because

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no building is completed overnight, it needs the cooperative spirit of the entire contracting team. It includes three aspects of the comprehensive ability of the senior leaders, the middle level transmitter and the bottom staff, which not only depends on the knowledge and technical force of the whole staff, but also the strong decision-making ability of the engineers. As long as the above points are achieved, the quality and progress of the project will be improved. In addition to the impact of the construction party, natural environmental factors also have an impact on project quality, mainly because most of the construction works are in the open air, and the adverse weather has a great impact on the entire construction environment, technology, management, and labor environment. In summary, a good environment is also one of the indispensable conditions for the quality of the project. Therefore, we must carry out scientific construction according to the uniqueness of each project and the quality of construction supervision^[1].

1.2 Building engineering management needs to constantly strengthen the importance of countermeasures

The development of architectural engineering is a gradual process. This stage of development needs to be analyzed based on the current market economy and integrated management. In this implementation strategy, how can we achieve its value, we must continuously develop corresponding measures and techniques to implement it, and establish a sound construction system and supervision department throughout the entire process. The preparatory work for the entire construction management makes the entire implementation strategy reflect the importance of construction project management.

1.3 Keep abreast of the trend of the times and expand the importance of construction management in the future

From the development of the construction industry, people pay more and more attention to the quality of the building. In order to strengthen the importance of its quality, we should follow the trend of the development of the times and adhere to the structure system suitable for the development of our country, to realize the importance of construction engineering management, follow the development trend of the times, expand the future development of the construction industry, uphold the special management system and implement countermeasures in our country, and make continuous efforts for the development of the future construction industry.

2. Analysis of main factors affecting construction management and countermeasures

The main factors and countermeasures of construction project management need to be verified and carried out in all aspects, and strict requirements must be met. First of all, according to the three stages of project construction, construction and completion of the project, the details are as follows:

2.1 Guarantee from the management countermeasures before the construction of the project —analysis in the front, middle and later stages

Prior to the formal construction of the construction project, the location of the construction and the environment surrounding the construction shall be clarified, and the foundation inspection and cost assessment shall be carried out according to the relevant construction facilities. Finally, the designer shall be selected for the design. These are the preparatory work. At the same time, after these improvements are made, the company and the construction team must consult with each other to check whether the source of materials for the engineering design and surveying units is qualified. While realizing economic benefits, the risks are minimized^[2]. If there are quality problems in the whole process, it must be dealt with according to law.

2.2 Analysis of management measures in project construction

After the construction of the construction project has begun, the construction unit should establish the supervision department and supervise the construction department of the whole project. The main supervision is the construction

environment and the frame structure of the construction. In this process, materials and construction details need to be supervised and managed to ensure the safety and quality. At the same time, in the process of supervision, the standard of supervision quality is based on the data made by the state to guarantee the quality problem through the data, and the advanced technology and equipment can be used to improve the quality requirements, so as to ensure that the whole link can get reliable data analysis, so as to achieve the progress before the safety^[3].

2.3 Management measures after completion of the project

After the completion of the construction project, a reasonable department shall carry out the effective inspection and acceptance of the project. This not only guarantees the quality of the construction, but also stabilizes the retesting process of the project. After the traditional quality is completed, the building needs to be reassessed and evaluated. Finally, if the building is found to be unqualified, please do not put it into use, and rearrange it, so as to strengthen the completion of the project according to the countermeasure analysis. Especially in the final stage, we must pay attention to the quality of the decoration of the project and prevent the destruction of various causes. In addition, we must pay attention to quality and quantity in the later stages of renovation and maintenance.

3. Analyze the deficiencies in the construction management according to the actual situation - a general analysis

3.1 Defects in the entire building construction management system

At the beginning of any construction project, we must have a comprehensive system to control. It can be said that a perfect system can clarify the construction goals. As the saying goes, “Nothing can be accomplished without norms or standards” especially in construction projects. A rigorous work attitude and professional construction conditions must be possessed by each construction personnel and management; do not neglect work attitude and execution power^[4]. However, many construction teams now have bad habits, the construction conditions, the scope of the construction have a great problem, the fundamental cause or the construction management system is not perfect, can not guarantee the effective management of the project and construction.

3.2 Problems of construction materials and equipment -- Chaos, storage and maintenance

Materials and equipment are the most important problems in building construction. It is also the most common cause of failure. The material is the guarantee of the stable construction quality, the equipment is the key to the auxiliary construction, which brings great convenience to the construction. The most prominent problem is the lack of rigour, carefulness and confusion when purchasing materials. There are countless products in the construction materials market. When selecting materials, the staff are usually drafted for the report. There is no actual selection through investigation. Instead, they are blindly chosen, which both wastes money and also prolongs the construction period. For the equipment, there is no professional care and management personnel, after the use of equipment, regular cleaning and maintenance should be done, the seemingly unremarkable work, often reduced the construction cost of a lot of intangible, the above two conditions have brought impact on the hidden danger of construction quality^[5].

3.3 The influence of objective factors of construction

The main factor of construction project management is that the mechanism of the whole quality supervision department is not perfect. In the process of construction, it is necessary to improve the process and supervision and management, to form a standard construction team, and to play its main advantages and effects in it. The phenomenon of many construction sites is that everyone do their own work, the leading role is relatively weak, the responsibility to people's work can not be implemented, the concept and skills of construction are different, resulting in the objective factors of construction engineering management is not compromised.

3.4 The overall quality of the construction team and management personnel is low

The construction has more complex construction features. It needs a large number of grass-roots workers and construction managers. In recent years, a lot of personal safety problems appear in the construction team. In order to reduce the safety problem, the comprehensive quality of the professional construction team should be continuously improved. However, in the management, most of them are the so-called "Contractor", but the package foreman is the so-called technical instructor, the work experience is relatively large, but there is no real basis for practice. Many of the contractors have the experience but the quality is low. There is no professional technical guarantee in the management strategy, and there is no considerable understanding of the selection and operation of the equipment and materials. Therefore, in the construction management, the professional quality and professional knowledge of the personnel has also brought a great impact on the construction quality^[5].

3.5 The construction management mode is relatively backward

The development of the construction industry has brought great changes to the market economy. However, our country is lagging behind in the construction mode, and the traditional architecture mode is also lagging behind the economic development. In the post-event management and control mode, administrative methods should be avoided as much as possible, and management should be based on modern scientific models. On many issues, the disadvantages of construction configuration and management also have great safety problems in the later stage of construction quality. Therefore, professional construction management also has a great influence on the development of construction quality.

4. Analyze strategies to improve the quality of construction project management and construction quality control

4.1 Analysis from the management point of view to ensure the implementation of the entire construction project construction system

First, the establishment of a sound construction management system will greatly help the construction conditions, management, and construction quality, from strict working conditions and constraints, and strict control over construction management. At the same time, we must also use the legal weapons to arm the minds of various construction workers, use legal weapons to control, use scientific monitoring equipment to provide reliable data, and supervise the implementation of relevant laws and regulations^[6]. Finally, for construction management, an effective construction management system is an extremely important role.

4.2 Strengthen the quality monitoring during the construction process

In strengthening construction projects, many construction industry has established the implementation of the model system, which is just a showcase in the construction project. But the quality of the model has a great influence on it, because many are what you see, for example: Now, every building will have a sample visit before the opening of the market. In the production model, many of them are set up according to the type of the later building. The material and the process need to be controlled properly, in front of the customer is a very intuitive physical standard. Secondly, in strengthening construction projects, it can be said that in order to prevent widespread operation, there is a phenomenon of rework. In this way, the cost and cost of building construction have been improved. This raises the cost and cost of building construction, and there are great demands in order to reduce the quality of rework and professional skills^[7].

4.3 Strengthen the management of materials and equipment and effectively improve the quality of construction projects

For materials and equipment management, a set of related systems should be regulated and the detailed combination of construction work should be divided. For example, in the construction site, some people need technical guidance, but a part of the management materials and equipment should be divided, the materials are required to be properly priced, and the quality of the materials should be determined in the market. This is the most important work of quality management^[8]. Maintenance on equipment is also indispensable in life. Maintenance and cleaning are seemingly

simple problems, but in fact, it also has a great role in quality improvement. Only with good materials and perfect equipment can we continuously improve the quality of building work.

4.4 Improving the innovation of architectural engineering management concept

The development of science and technology has a greater relationship with the construction industry, and the material selection and equipment must be implemented in a real and effective way. In this information age, the power of technology and technology has also brought security to the construction management of the construction industry, avoiding the traditional methods of building construction, using the means of information to ensure the reliability, and the management of detail for the management of various departments. The management efficiency has been greatly improved from the high level to the management and its basic level. The means of information management is reliable and the only standard to realize the quality of the construction project^[9].

4.5 Strengthen the overall quality and professional skills of managers

For professional construction teams, professional learning and training are conducted on the construction team, which is the only condition for improving construction management quality and ensuring quality. First of all, the construction team should start from the basic conditions of the building when recruiting grass-roots employees, and the professional and comprehensive quality practical talents are the first choice. In addition, the selection of managers should be selected through the professional management mode, not only to increase the overall quality of the promotion, but also to the construction team related problems^[10]; Secondly, regular business learning and guidance, learning and operation of difficult points in construction equipment, and actively learning in areas where you don't understand. In addition, the construction market is a long-term plan. It is necessary to train and educate the managers constantly to understand the changes of the market and the current system, which will play a great role in the construction management and the improvement of the quality of the project.

Conclusion

To sum up, the construction management is a relatively complex working procedure^[11]. The comprehensive quality of the management system, the construction materials and equipment, the comprehensive quality of the managers and the construction personnel and the construction management of the construction should be continuously improved. Therefore, in the process of construction project construction, we should constantly improve the level of technical management, at the same time, we should formulate relevant solutions, constantly manage and improve the technical system, which is the process to ensure the smooth completion of the construction work. Finally, the cultivation of talents, and the enhancement of the overall quality of personnel must be accompanied by continuous improvement in technical guidance^[12]. Regular training and learning should be conducted for managers, and technical personnel must continue to learn. Make the management level develop normally, and hope to have new breakthroughs and progress in the future construction market.

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