

Discussion on the Management of Engineering Materials in Construction Enterprises

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Abstract: With the continuous progress of urbanization in China, construction enterprises should also seize this opportunity, continue to develop and improve, and because the market competition is very fierce at this stage, so the level of market economy profit is not high. If construction enterprises want to gain a place in such a market environment, then we should first strengthen the management of engineering project materials, because the importance of engineering project material management in the development of construction enterprises is self-evident.

1. Characteristics of construction enterprise project material management at present

1.1 complexities

Because most of the construction products have special design characteristics, there must be no small difference between the budget and the actual construction of the construction project, which leads to some construction projects will not begin to review the budget report until the end of the project, and the construction units can only prepare the materials while carrying out the construction, and constantly adjust according to the site environment. In order to avoid the occurrence of material inventory due to engineering conditions.

1.2 Timeliness.

The transportation materials should be timely, because only the material is transported to the construction site in time to ensure that the material will not be squeezed or lost, and if the material is squeezed or lost, it is a small loss for the construction enterprise, and at the same time, if the material is wasted, It only increases the difficulty of field management, and also makes the construction enterprise turn more difficult.

1.3 Variability

There are many factors that will affect the construction site, and the construction team should take these conditions into account when carrying out the construction, and prepare sufficient materials, usually will be prepared according to the amount of materials required by the project to about 80%, this degree is the most reasonable. In the rainy season, the material preparation cycle should be appropriately extended, because it is necessary to avoid the waste of materials due to the wet rainy season.

1.4 Seasonality

Some building materials must take into account their requirements for the storage environment, because some building materials are vulnerable to seasonal and material production, as well as physical and other reasons. If the time and seasonal factors of building materials are not taken into account, it is easy to cause unnecessary losses.

1.5 Comprehensive

In preparing the materials, it is necessary to pay attention to the rationality and scientificity of the materials, and only taking into account these aspects, the construction can be carried out conveniently. At the same time, all the conditions shall be made to the use personnel on the material site, and the handover procedures shall be done well, and the certificate of conformity shall be

produced. And the use range and physical properties of the material are well regulated. At the same time, it is also necessary to arrange special care for these chemical materials to ensure that no problems arise.

2. Problems existing in material Management of Construction Enterprises

2.1 Pay too much attention to the supply link, and the awareness of the overall management of materials is not strong.

Because the management mode of construction enterprises has been very extensive, so the control of materials in construction enterprises is not strict, but because of this, the materials are prone to problems, such as loss and waste, which is also an unreasonable manifestation of the overall management of materials.

2.2 Narrow channels for the procurement of construction materials

Most of the construction materials are mainly supplied through regional materials, so the procurement channels of construction materials are very narrow, in addition, it is also difficult for external materials to enter the market, but also leads to the lack of correlation between the price of materials and social prices, and also makes the price of materials on the high side.

2.3 Shortage of professional personnel

The position of the material personnel of the construction enterprise in the enterprise is not very high, mainly because the enterprise thinks that the material personnel are only the production auxiliary personnel, not the necessary personnel, but also a lot of people do not want to be engaged in the material management work, because the material management work is very hard, But pay is very low, so it's hard to attract real professional material management talent.

2.4 Backward modern management means

Because the current construction enterprises do not pay enough attention to material management, it also leads to enterprises will not invest more funds in material management, can not attract more material management talents, and modern management is still subject to a lot of constraints, so the management mode of many enterprises has not yet been modern, which also leads to the material management of enterprises is very weak, easy to cause unnecessary losses to enterprises.

3. Ways to improve the Modernization level of Construction material Management in Construction Enterprises

3.1 Make the material management work in the early stage of commencement

After winning the bid, the construction enterprise should carry on the real-time investigation to the material, and do a good job of the project cost analysis, and compile the use plan and the fund plan of the project material, only under the condition that everything is available, can the construction project reach the ideal construction state. At the same time, construction enterprises should also choose more suitable material suppliers within the scope of the contract, so as to reduce the cost paid by construction enterprises to a certain extent, and in this way, the profits of construction enterprises can naturally be improved.

3.2 Selection of scientific construction methods and measures

Construction enterprises should follow up the construction progress at any time, and do a good job of material procurement at the same time. Moreover, in order to save as much cost as possible, construction enterprises should strengthen the management of materials and pay more attention to material management talents, which can not only avoid any accidents caused by material problems, but also urge the construction team to carry out construction in strict accordance with quality

standards.

3.3 Promote the material management information system of construction enterprises.

The material management information system of construction enterprises can be divided into various functional subsystems, and these functional subsystems are mainly divided according to the function. These functional subsystems include not only contract management system and inventory management system, but also price analysis system and planned procurement system. The establishment of building material management information system can replace labor by computer, which can also improve the efficiency of material management to a certain extent, and can also quickly solve complex information problems. At the same time, material management information system can also provide enterprises with more data, so that enterprises can make better decisions.

3.4 Establishment of a strategic alliance for the supply of construction materials to give full play to complementary advantages

Because the development of logistics market is too fast, the importance of building material supply alliance is also increasing. Through strategic alliance, the channel conflict can be reduced to a certain extent, and the information can be transmitted quickly. In this way, the channel cost can also be reduced, and the development of material management can be highlighted. Construction enterprises should choose more professional third-party logistics providers, because more professional third-party logistics providers can reduce channel costs, and can also make material transportation easier and faster. At the same time, enterprises should also improve the level of internal management, avoid unnecessary losses as far as possible, and promote construction projects. Maximize benefits.

3.5 Strengthen internal management.

3.5.1 Scientific positioning

The material work of construction enterprises should be able to achieve two goals, one is to ensure the supply of materials, the other is to ensure the role that materials can play. The quality assurance system of material suppliers in construction enterprises is to ensure that the materials invested in the construction of construction enterprises are in accordance with the quality regulations.

3.5.2 people-oriented

The importance of talents in material management of construction enterprises is self-evident, so enterprises should pay more attention to talents, but also strengthen the cultivation of talents, actively improve the professional ability and professional literacy of talents, and promote the development of enterprises through talents.

4. Conclusion

The profitability of enterprises and the quality of engineering construction are directly related to the quality of material management. Material management will more or less have an impact on the reputation and satisfaction of construction enterprises. Therefore, with the changes of the times and the economic market, construction enterprises should also change their own business philosophy and material management ideas, pay more attention to material management, and update the material management mode. So that enterprises can follow the pace of the times, at the same time, enterprises should also explore the material management model to adapt to the development of the market, in order to ensure that construction enterprises can find a place in today's competitive market.

References

[1] The influencing factors and cost control of construction project cost [J]. Fan Caixuan. Economic

and trade practice. 2016 (06).

[2] Analysis of influencing factors and ways to reduce the cost of construction project [J]. Zhou Yanqin. Financial and economic circles (academic edition). 2016 (23).

[3] Cost management and problem analysis of construction engineering [J]. Dong Xing. Jiangxi building materials. 2014 (13).

[4] How to control the cost of construction [J]. Chinese tender. 2018 (45).

[5] How to achieve efficient construction cost management and control[J]. Hao Demin. Finance and Economics (Academic Edition). 2019(11).

[6] Problems and countermeasures in cost management of construction engineering [J]. Li Jiangyuan. Doors and windows. 2016 (12).