Expert Consultation Form

Background information:

Dear experts, this is a consultation on the importance of influencing factors in the arrangement of temporary facilities in the construction site of prefabricated buildings. In this consultation, 16 influencing factors are proposed. Experts are invited to score the importance of the 16 influencing factors based on personal engineering experience and subjective judgment.

marking criterion:

The scoring range is from 1 to 5, and only whole numbers are allowed, and the meaning of each score is as follows.

1: The factor is not important and can be ignored.

2: The factor is not important and can be ignored in some cases.

3: The factor is important and should be considered.

4: The factor is important and needs to be considered in most cases.

5: The factor is very important and must be considered.

Subjects to be evaluated (16 questions):

Influencing Factors	Factor Definition	marks
Economic benefit	Costs arising from on-site transportation of components and raw materials and changes in the location of temporary facilities	
Security risk	Potential collision, strike, fall, explosion and other risks may exist	
Hoisting duration	Total time spent for Hoisting prefabricated components during construction	
Smoothness	Staff, components and raw materials run smoothly in the site, and the degree of crossover is small	
Convenience	Smooth access to external transportation materials and easy unloading of materials	
Management efficiency	Easy site supervision and control by managers	
Work comfort	Living facilities and office facilities are far away from the noise and pollution generated by the construction, and the staff can easily communicate with the outside world.	
Spatial conflict	Avoid conflicts between the transportation of machinery and equipment, components and raw materials and the working space of staff during the construction process	
Spatial adjustability	Low difficulty in adjusting the construction site space when new temporary facilities are built or moved at the construction site	
Stacking rationality	Prefabricated components storage area to implement zoning management, facilities dedicated site, and other construction materials, equipment shall not be mixed stacking	
Natural condition	The influence of topography, weather, temperature and other natural factors on the layout	
Site utilization rate	Construction facility footprint/construction site area	
Surrounding environmental impact	Noise and dust generated during the construction process adversely affects the surrounding environment	
Noise control	Pollution level of noise source to the whole construction site	
Aesthetic requirement	Construction site layout is neat and beautiful	
Property protection	Ensure the safety of the construction site property, theft prevention	

This consultation has ended. Thank you for your help.