

The Process of Risk Identification, Assessment and Response of the Equipment Supply Phase in the Power Plant Projects in Iran

Hannaneh Etemadnia [- PhD Student, Department of Construction Engineering and Management, School of Civil Engineering, College of Engineering,
[University of Tehran

Mehdi Tavakolan [- Assistant Professor, Department of Construction Engineering and Management, School of Civil Engineering, College of Engineering,
[University of Tehran

چکیده :

Given the importance of the power plant projects in the development of countries, it's necessary to explore challenges and risks that are obstacle against achieving the desired objectives including time, cost and quality of these projects. In this paper, the risks of the equipment supply process in the power plant projects are identified and then appropriate solutions to respond to key risks are presented. That is done in three stages: finding out all types of risks in the equipment supply process, preparing a questionnaire including the probabilities and impacts of risks and consider the interaction of them on each other, in order to assess and rank these risks, and finally using a two-round Delphi survey to find out appropriate solutions to respond to key risks. This way, the results obtained from this study is including the major risks associated with the equipment supply process along

کلید واژه : Risk Management, Power Plant Projects, Supply Equipment, Risk Identification, Risk Assessment, Risk Response

[برای دریافت اطلاعات بیشتر اینجا را کلیک کنید](#)