

空軍軍事工程爭議預防對策之探討

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摘要

Controversies and disputes derived during the Air Force military project construction process will lead to the engineering staff to consume a lot of energy and time. The Air Force are often required to make coordination, complaints, mediation, arbitration and litigation with contractors under the assistance of the Public Construction Commission and lawyers. This not only delays the construction time and budget expenditure, but also seriously affects the cost planning and management effectiveness of the military engineering projects.

This study first collects the construction dispute cases from 1999 to 2009 in the Air Force. These cases are classified into eleven different categories and then analyze to understand when, why and how they occur. Based on the statistics, the disputes are caused mainly by the conflict between the contract clauses and the present codes and regulations. After having determined the dispute causes, the preventive measurements are proposed based on literature reviews and expert interviews. The Delphi method is used to determine the preventive measurements. It is hoped that the proposed preventive measurements can enhance the performance and quality effectiveness of the Air Force construction projects.

關鍵字：Construction Disputes, Dispute Handling, Dispute Prevention