

# 現有專案管理服務計費方式之問題與解決方式

徐朝聲, 楊智斌, 鄭紹材

營建管理學系

建築與規劃學院

shaotsai@chu.edu.tw

## 摘要

Most of professional construction management (PCM) service providers, including engineering consultant, architects, and engineers firms, encounter that their service incomes are less than actual outcomes, but they cannot propose reasonable service fees in advance. Therefore, the common used payment methods for PCM service, the percentage of construction expense method and the lump sum method, encounter many implementation problems. This study analyzed and discussed on the cases of PCM service for public building construction, in which the percentage of construction expense method and the lump sum method are employed in service contracts. This study used the Cost-Plus-Fixed Fee (CPFF) payment method and information collected from real cases to simulate possible incomes and outcomes, and then discussed the problems existed in current payment methods. Based on the analysis and simulation on cases, this study concluded that the CPFF method is a suitable method to reflect service provider's actual cost outcomes. Furthermore, this study proposed some corresponding actions for using the CPFF method. Research results would be valuable for reference while using the CPFF method in the future.

**關鍵字：**Professional Construction Management, Fee Calculation Regulations, Cost-Plus-Fixed Fee