

## Cost Overrun Causes in Public Construction Projects in Saudi Arabia

**Authors :** Ibrahim Mahamid, A. Al-Ghonamy, M. Aichouni

**Abstract :** This study is conducted to identify causes of cost deviations in public construction projects in Saudi Arabia from contractors' perspective. 41 factors that might affect cost estimating accuracy were identified through literature review and discussion with some construction experts. The factors were tabulated in a questionnaire form and a field survey included 51 contractors from the Northern Province of Saudi Arabia was performed. The results show that the top five important causes are: wrong estimation method, long period between design and time of implementation, cost of labor, cost of machinery and absence of construction-cost data.

**Keywords :** cost deviation, public construction, cost estimating, Saudi Arabia, contractors

**Conference Title :** ICCGE 2015 : International Conference on Civil and Geological Engineering

**Conference Location :** Istanbul, Türkiye

**Conference Dates :** April 21-22, 2015