

## **Effective Project Management Through Applied Cost and Schedule Control :**

edited by James A. Bent & Kenneth K. Humphreys, **marcel dekker, inc.** , 270 Madison Avenue, New York, NY 10016, 1996 , 464 pp. \$95.00

This book covers wide variety of subjects that related to the project management, especially, the construction related project management. First part address the project skill and other people issue which includes the comparison of the matrix organization versus TQM approach. Part 2 , cost and schedule baselines constitutes loosely compiled subjects, which includes chapter 7; how to control and reduce environmental cost . Part 3 covers project control, which addresses some of the techniques that borrowed from decision analysis, risk analysis and Monte Carlo simulation. In this part, it also provides information about how to handle claim, how to managing Small, shut down, retrofit, or outage projects. The last part gets into the subject of how to manage projects.

The project samples provided in this book are mostly multi-million dollars construction projects which may or may not apply to different kind of project, e.g. R&D projects. The control techniques provided in the book are valuable but lag in the depth and rigor.

The strong part of this book , the construction examples provided through out the book, are comprehensive, insightful, and came from the authors' actually experiences. Some topics may not be easily found in the other books, like "Keys to controlling and reducing environmental cost".

Authors of this book stated two objectives of writing this book : (1) to provide a reference of an advanced, state-of-art project control program and (2) to develop and enhance the project skills of all who use this book. This book does achieve its objective (1) by providing wide array of controlling techniques. However, to achieve the object (2), it may require the user of this book to really master the concept of risk analysis and simulation, which I think this book is not equipped to supply.

This book does service as a valuable reference source for all project management personnel who try to improve their project management skills.

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Leighann Klaus  
Book Review, ASQC

October 20, 1996

Dear Leighann:

I have completed the book review on “Effective project management through applied cost and schedule control” by Bent, Humphreys. If you have any new list of books to be reviewed, I would like to continue receiving it. Any question regarding this review please call me.

Sincerely,

Shin Ta Liu