

Cost Estimating Format Standard Operating Procedure Fema

Triant Flouris is a prominent academic and administrator in aviation management education; Dennis Lock has more than forty years experience in practising, lecturing and writing about project management. When these two experts combined their considerable talents to write their earlier book Aviation Project Management, it was little wonder that distinguished reviewers gave generous praise and acclaimed it as a welcome addition to what, until then, had been a neglected field. That first title was structured as an essential primer for managers and students. The authors have now written this more in-depth book for managers and students who need to study aviation project management in much greater detail, as well as critically connect project management within an aviation context to prudent business decision-making. Aviation project management is described in considerable detail throughout all stages of a lifecycle that begins when the project is only a vague concept and does not end until the project has been successfully completed, fully documented, and put into operational service. Aviation projects have commonly failed to deliver their expected outcomes on time and have greatly exceeded their intended budgets. Many of those failures would have been prevented if the project managers had adhered to the sound principles of project management, as described and demonstrated throughout this book.

The process of estimating the cost for the development and delivery of a product, service, or solution can range from simple to highly complex based upon multiple factors including: technology maturity, urgency, geographic location, quantity, quality, availability of resources, hardware and software, systems integration and more. This book provides a comprehensive discussion of cost estimating and contract pricing with extensive use of tools, techniques, and best practices from both the public and private sectors. Key topics of discussion include: Cost estimating methods Cost accounting standards Cost analysis Profit analysis Contract pricing arrangements Price analysis Total ownership cost Earned value management systems

In 2001, the DoD identified performance based logistics (PBL) as the preferred weapon system support strategy. Within DoD, PBL is the purchase of performance outcomes, such as system availability, rather than the purchase of individual elements of logistics support -- such as parts, repairs, and engineering support. Although PBL initially arose from efforts to reduce support costs, questions have arisen about whether PBL has reduced support costs as originally intended. This report evaluates the extent to which DoD has used business case analyses to guide decisions related to PBL arrangements and the impact PBL arrangements have had on weapon system support costs. Includes recommendations. Charts and tables.

When a disaster or emergency occurs, it is the responsibility first of the local community and the State or Tribe to respond. However, their combined efforts at times are not sufficient to effectively address the direct results of the most serious events. These situations call for Federal assistance. The Robert T. Stafford Disaster Relief and Emergency Assistance Act (Stafford Act), 42 U.S.C. section 5121-5207, authorizes the President to provide Federal assistance to supplement State, Tribal, and local efforts. The Federal Emergency Management Agency (FEMA), a component of the Department of Homeland Security, coordinates the delivery of assistance under the law and provides grants through the Public Assistance Program to help with the extraordinary costs for response and infrastructure recovery. This Handbook explains how applicants can obtain help through the Public Assistance Program. Potential recipients of this assistance include State, Tribal, and local governments and certain types of private nonprofit organizations.

[Estimator's Pocket Book](#)

[Cost Estimating](#)

[Federal Register](#)

[FCS Project Management L3](#)

[Mid-Chesapeake Bay Island Ecosystem Restoration](#)

[Military Construction](#)

[Cost Estimates](#)

[Defense Contract Audit Agency \(organization, Functions, and Relationships with the General Accounting Office\)](#)

[Sharper Tools for a Smarter Recovery : Hearing Before the Ad Hoc Subcommittee on Disaster Recovery of the Committee on Homeland Security and Governmental Affairs, United States Senate, One Hundred Eleventh Congress, Second Session, May 12, 2010](#)

[Tools, Techniques and Best Practices](#)

[Defense Contract Audit Agency \(organization, Functions, and Relationships with the General Accounting Office\)](#)

[Hearing Before a Subcommittee ... 90-1, July 28, 1967](#)

Military supply chains are unique because what is supplied to the end user is routinely returned to the supply chain for maintenance, repair, and overhaul (MRO). Offering a blueprint for transforming military depot workload and processes into those of high-performance commercial facilities, Enterprise Sustainability: Enhancing the Military's Ability to Perform its Mission provides a framework of concepts and tools for enhancing the ability of the military to perform MRO on its weapon systems. These concepts and tools are applicable to any enterprise, military or commercial, that is concerned about sustainability. The text focuses on five abilities that must be considered to achieve efficient, cost-saving operations: Availability of required parts, facilities, and personnel; Capability of the enterprise to perform the mission Affordability and improving the life cycle cost (LCC) of a system or project Marketability of concepts and motivating decision makers Aging weapons systems, an aging workforce, limited financial resources, new technologies, and an increased military operational tempo demand that the military transform its operations to meet the challenge of a new transformation plan for its sustainability. This book follows An Architecture for a Lean Transformation, the first in a series dedicated to the sustainment of an enterprise. In this second volume, the authors continue to provide an analysis of, and prescription for, the strategies, principles, and technologies that are necessary to sustain an enterprise like the military and its support organizations and utilizes.

The Estimator's Pocket Book, Second Edition is a concise and practical reference covering the main pricing approaches, as well as useful information such as how to process sub-contractor quotations, tender settlement and adjudication. It is fully up to date with NRM2 throughout, features a look ahead to NRM3 and describes the implications of BIM for estimators. It handles: the NRM order of cost estimate: unit-rate pricing for different trades; pro-rata pricing and dayworks; builders' quantities; approximate quantities. Worked examples show how each of these techniques should be carried out in clear, easy-to-follow steps. This is the indispensable estimating reference for all quantity surveyors, cost managers, project managers and estimators. Particular attention is given to NRM2, but the overall focus is on the core estimating skills needed in practice. Updates to this edition include a greater reference to BIM, an update on the current state of the construction industry as well as up-to-date wage rates, legislative changes and guidance notes.

More than 12 years have passed since the publication of the first edition of Crisis and Emergency Management. During that time numerous disasters—from 9/11 to massive earthquakes in Iran and China, to the giant Asian Tsunami, Hurricane Katrina, and the Fukushima Tsunami and ensuing nuclear meltdown—have changed the way we manage catastrophic events. This new edition, written by experts, this second edition features 40 new chapters that address recent worldwide crises and what we have learned from emergency responses to them. See What's New in the Second Edition: Up-to-date concepts, theories, and practices Analysis of recent disasters and their effect on emergency management Policy and managerial lessons Suggestions for capacity building and emergency management The book covers a wide range of international issues using critical, empirical, and quantitative analyses. It discusses various approaches to topics such as resolving political tension and terrorism issues, the potential use of biological weapons, and the role of public relations in crisis. The author offers insight into organizational and community resilience, and the "surprise management" theory in practice for upgrading the knowledge and skills in managing crises and governing emergencies; and better and more effective organizational, political, social, and managerial coordination in the processes. He presents case studies that enhance and advance the future theory and practice of crisis and emergency management, while at the same time providing practical advice that can be put to use immediately. Managing crises and governing emergencies in such an age of challenges demands a different kind of knowledge, skills, and attitudes that were not available yesterday. This book gives you valuable information with applications at the macro, micro, organizational, and interorganizational levels, preparing you for an increasingly globalized and uncertain world.

This final report presents the results of a program undertaken: (1) to apply cost-of-ownership procedures, developed under a previous contract, to thirteen Navy shipboard electronic equipments; and (2) to develop a procedure for predicting cost of ownership, by cost category, of electronic equipments that have not yet been deployed. The cost categories used are production, operation and maintenance throughout a specific lifetime, and with disposal. The cost of ownership of the selected equipments was calculated from historical contract data and the Navy Maintenance Data Collection System (MDCS), which also provided the basis for operational measures. A computer program was used to process raw cost and MDCS data and to produce the final report in a standard format. In the development of cost-estimating relationships (CER's) to predict ownership costs, the same categories as those used in the cost-analysis program were employed. Volume I of this report covers the evaluation of cost and operational measures for selected equipments. (Author).

[Enhancing the Military's Ability to Perform its Mission](#)

[Improving the Accuracy of Early Cost Estimates for Federal Construction Projects](#)

[Estimating Production Rates and Operating Costs of Timber Harvesting Equipment in the Northern Rockies](#)

[The Cost Digest](#)

[Department of Homeland Security Status Report](#)

[Hearing Before a Subcommittee of the Committee on Government Operations, House of Representatives, Ninetieth Congress, First Session, July 28, 1967](#)

[Treatability Manual: Cost estimating](#)

[Enterprise Sustainability](#)

[Report to the Congress](#)

[Environmental Impact Statement](#)

[Managing Aviation Projects from Concept to Completion](#)

[Stafford Act Reform](#)

SUPERB EXECUTION RELIES UPON RIGOROUS PROJECT DOCUMENTATION A project will only be built as well as it is documented. This publication focuses on the key documentation needs of the landscape architectural design and construction documentation process. That includes both "design documentation" and "construction documentation" as well as all that which occurs in the transition from one phase to the other. Documentation requirements include those components necessary to explore and define design intent, logic, physical proposals, and ultimately, the specific components included within construction and bid documents. Discover how proper documentation facilitates every stage of the design process from pre-planning to construction, and leads to a highly resolved built outcome. Understand the principles behind these documentation practices. Implement best practices specific to each documentation phase and drawing, from title block and cover sheet design to soil plans and plant protection. Organize keynoting systems, cross-referencing and interdisciplinary coordination amongst multiple consultants and vendors. Study sample project documents from a leading landscape architecture firm to better understand the elements and benefits of complete and well-coordinated project documentation. These standards have been time-tested by over 150 designers at the industry leading landscape architecture firm Design Workshop, reflecting a range of project types, including parks, streetscapes, urban spaces and over-structure construction. This guide shares the methods behind the success, to facilitate exceptional built outcomes through principled documentation practices.

To use public funds effectively, the gov't. must meet the demands of today's changing world by employing effective mgmt. practices and processes, including the measurement of gov't. program performance. Legislators, gov't. officials, and the public want to know whether gov't. programs are achieving their goals and what their costs are. To make those evaluations, reliable cost information is required and fed. standards have been issued for the cost accounting that is needed to prepare that information. This Cost Guide has been developed in order to establish a consistent methodology that is based on best practices and that can be used across the fed. gov't. for developing, managing, and evaluating capital program cost estimates. Illustrations.

In today's hypercompetitive global marketplace, accurate costestimating is crucial to bottom-line results. Nowhere is this moreevident than in the design and development of new products andservices. Among managing engineers responsible for developingrealistic cost estimates for new product designs, the number-onesource of information and guidance has been the Cost Estimator'sReference Manual. Comprehensive, authoritative, and practical, the Manual instructsreaders in the full range of cost estimating techniques andprocedures currently used in the fields of development, testing,manufacturing, production, construction, software, generalservices, government contracting, engineering services, scientificprojects, and proposal preparation. The authors clearly explain howto go about gathering the data essential to preparing a realisticestimate of costs and guide the reader step by step through eachprocedure. This new Second Edition incorporates a decade of progress in themethods, procedures, and strategies of cost estimating. All thematerial has been updated and five new chapters have been added toreflect the most recent information on such increasingly importanttopics as activity-based costing, software estimating,design-to-cost techniques, and cost implications of new concurrentengineering and systems engineering approaches to projects. Indispensable to virtually anyone whose work requires accurate costestimates, the Cost Estimator's Reference Manual will be especiallyvaluable to engineers, estimators, accountants, and contractors ofproducts, projects, processes, and services to both government andindustry. The essential ready-reference for the techniques, methods, andprocedures of cost estimating COST ESTIMATOR'S REFERENCE MANUAL Second Edition Indispensable for anyone who depends on accurate cost estimates forengineering projects, the Cost Estimator's Reference Manual guidesthe user through both the basic and more sophisticated aspects ofthe estimating process. Authoritative and comprehensive, the Manualseamlessly integrates the many functions--accounting, financial,statistical, and management--of modern cost estimating practice.Its broad coverage includes estimating procedures applied to suchareas as: * Production * Software * Development * General services * Testing * Government contracting * Manufacturing * Engineering * Proposal preparation * Scientific projects * Construction

This updated and expanded Second Edition incorporates all the mostimportant recent developments in cost estimating, such asactivity-based costing, software estimating, design-to-costtechniques, computer-aided estimating tools, concurrentengineering, and life cycle costing. For engineers, estimators, accountants, planners, and others whoare involved in the cost aspects of projects, the Cost Estimator'sReference Manual is an invaluable information source that will payfor itself many times over.

The Essentials of Project Management is a primer distilled from Dennis Lock's comprehensive, successful and encyclopedic textbook, Project Management, (now in its Tenth Edition). It provides a concise, straightforward account of the principles and techniques of project management, designed to meet the needs of the business manager or student. Using examples and illustrations, the author introduces the key project management procedures and explains clearly how and when to use them.The text for the new edition has been completely restructured and largely rewritten, so that the sequence now follows even more closely the life-cycle of a typical project from its earliest definition to final close-out.

[Theory and Practice, Second Edition](#)

[GAO Cost Estimating and Assessment Guide](#)

[Project Management](#)

[Assessing Challenges and Measuring Progress : Hearing Before the Committee on Homeland Security and Governmental Affairs, United States Senate, One Hundred Tenth Congress, First Session, September 6, 2007](#)

[Best Practices for Developing and Managing Capital Program Costs](#)

[Cost Estimating and Contract Pricing](#)

[Annual Department of Defense Bibliography of Logistics Studies and Related Documents](#)

[DOD Needs to Provide More Credible Weapon Systems Cost Estimates to the Congress](#)

[Environmental and Disposal Liabilities](#)

[Cost Evaluation and Cost Estimating for Shipboard Electronic Equipment. Volume I. Cost Evaluations of Selected Equipments](#)

[Public Assistance Applicant Handbook](#)

[Cost Estimator's Reference Manual](#)

This revision of the author's bestselling earlier work on cost estimating has been updated to provide currently applicable examples, data and techniques. Two new chapters have been added covering: computer tools and models for cost estimating, where to get these tools, and the features to look for; software cost estimating with special emphasis on the effect of CASE tools on software productivities and resulting software costs. A complete set of inflation tables is now included to permit conversion from any year dollars to any other year dollars from 1959 through 1997. Retains its comprehensive coverage of the elements needed to embark on a cost estimating task. Strengthened are the invaluable parts of the book which tell the estimator how to produce a competitive and credible cost estimate. Manufacturing standards for hardware and electronics are retained as are handy tables for determining the costs of engineering, design, documentation, drafting and testing.

Dennis Lock's masterly exposition of the principles and practice of project management has been pre-eminent in its field for 45 years and was among the first books to treat project management as a holistic subject. But Project Management has been kept completely up to date by regular and sensitive revisions to ensure that it remains fresh and totally relevant. Project Management explains the entire project management process in great detail, demonstrating techniques from simple charts to detailed computer applications. Everything is reinforced with clear diagrams and case examples, many new for this edition. The author has expanded discussion of topics such as supply chain management and the project management office (PMO), and there are new chapters about implementing change management projects and the role of senior managers in supporting projects. Obsolescent or less frequently used methods have been stripped out, but readers of the hardback Tutor's Edition will find that this deleted material lives on as new chapters on the accompanying downloadable resources, which have been thoroughly revised. Importantly, that disc includes comprehensive Power Point presentations with hundreds of well designed slides that tutors can use directly as a valuable resource for their lectures. Students have always commented on this book's reader-friendly style, which is free of unnecessary jargon, with clear diagrams and a construction that is logically organized, well indexed and simple to navigate. This Tenth Edition is certain to maintain the book's acclaimed status as the standard work for managers and students alike.

There is a driving need for naval professionals to focus on human factors issues. The number of maritime accidents is increasing and the chief cause is human error, both by the designer and the operator. Decreasing crew size, lack of experienced operators, operations in higher sea states and fatigue worsen the situation. Automation can be a partial solution, but flawed automated systems actually contribute to accidents at sea. Up to now, there has been no overarching resource available to naval marine vehicle designers and human factors professionals which bridges the gap between the human and the machine in this context. Designers understand the marine vehicle; human factors professionals understand how a particular environment affects people. Yet neither has a practical understanding of the other's field, and thus communicating requirements and solutions is difficult. This book integrates knowledge from numerous sources as well as the advice of a panel of eight recognized experts in the fields of related research, development and operation. The result is a reference that bridges the communications gap, and stands to help enhance the design and operation of all naval marine vehicles.

The Managing Cost Estimating and Budgeting Module is to introduce the tools, techniques and methodologies associated with cost estimating and budgeting that have been identified as being "best tested and proven" practices and which have been found to work on "most projects, most of the time"; provide a logical or rational sequence showing when those tools or techniques would normally and customarily be used and in selected instances, show how to use those tools/techniques and/or where to find additional information on how to use or apply them.

[Commerce Business Daily](#)

[Cost Summaries of Selected Environmental Control Technologies](#)

[Landscape Architecture Documentation Standards](#)

[Navy Directives System Consolidated Subject Index of Unclassified Instructions, Period Ending ...](#)

[Defense Logistics](#)

[Human Factors for Naval Marine Vehicle Design and Operation](#)

[1981-1982](#)

[Principles, Guidelines, and Best Practices](#)

[The Essentials of Project Management](#)

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