

The Case for the CMBOK

Dr. Rene G. Rendon, CFCM, CPCM Associate Professor Naval Postgraduate School

The Nation's Premiere Defense Research University

Monterey, California WWW.NPS.EDU

Introduction

- Contract Management is a knowledge-intensive profession.
- Build contract management knowledge base
 - By gaining experience (tacit knowledge).
 - Through training and educational courses (explicit knowledge).
- Validate knowledge by pursuing occupational certification (e.g., DAWIA and FAC-C) or professional certification (e.g., NCMA).
- Maintain currency through continuous learning.

CM Training

- Based on the laws, regulations, and public policies that govern federal contracting.
- FAI and DAU courses.
- FAR, DFARS, CPRGs, DoDI 5000.02.
- NCMA seminars and conferences.

CM Education

- Foundational theories that inform contract management principles and that we apply in our day to day practice.
- Focused on the principles of CM and applied in practice.
- We need to understand basic principles of CM before we can begin to learn how these principles are applied in any specific domain.

Certified Professional Contracts Manager Candidate's Workbook

"NCMA is the door to professionalism. Certification is the key."



15

.

÷.

-

-

Published by The National Contract Management Association Professional proficiency in contract management requires broad knowledge and a range of skills in the areas of:

- Business management, particularly materials and operations management, industrial marketing, financial management and related accounting.
- 2. The economics of materials and operations management.
- 3. Cost and price analysis and negotiation techniques.
- 4. Legal and regulatory aspects of procurement and contracting.
- 5. Managerial planning, decision making, communication, and control.
- 6. Procurement and contracting policy and procedures.
- 7. Management information systems, and information and data analysis.

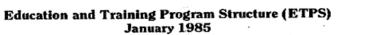
The Body of Knowledge does not relate merely to the tasks of federal government procurement and contracting to the government. It is intended to encompass the entire spectrum of commercial, industrial, governmental, and international procurement and contracting.

The key to professionalism lies in the application of this knowledge and skill to the tasks faced in the conduct and management of procurement and contracting activities. The 69 modules of the NCMA EDUCATION AND TRAINING PROGRAM STRUCTURE (attached) detail this body of professional knowledge. Individual outlines have been prepared for each of the modules.

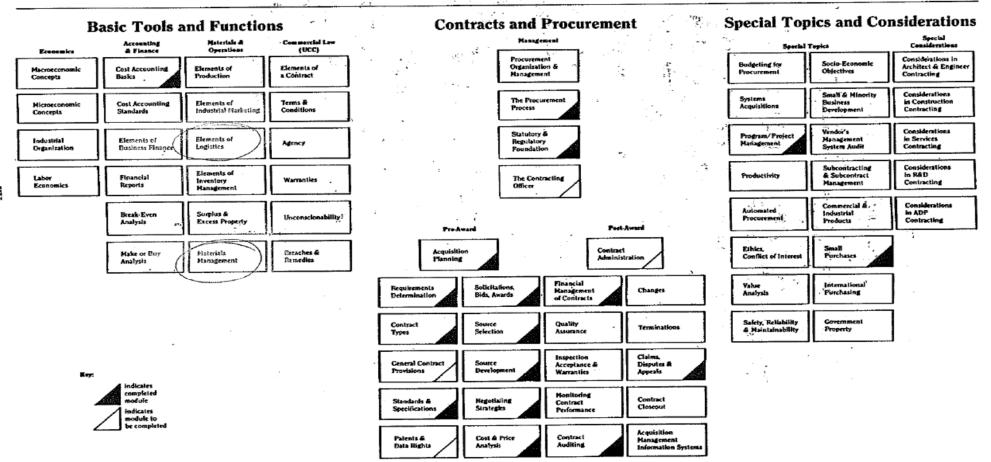
At any given time, the NCMA EDUCATION AND TRAINING PROGRAM STRUCTURE serves as a definitive description of the elements making up the body of professional knowledge. Over time, these elements will be refined or changed to meet the needs of our ever growing and changing profession.

Revised January 7, 1985

Approved by NCMA Board of Directors February 13, 1985



NCMA has developed this program structure under the guidance of Dr. Harry Page and based on questions asked over the years in the Certification examinations. The program structure represents NCMA's statement on the body of knowledge required to be a professional in contract management. It is intended to be a dynamic statement, subject to revision. All of the NCMA materials under development relate to this program structure. Comments are invited and should be sent to NCMA Education Department, 6728 Old McLean Village Drive, McLean, VA 22101.

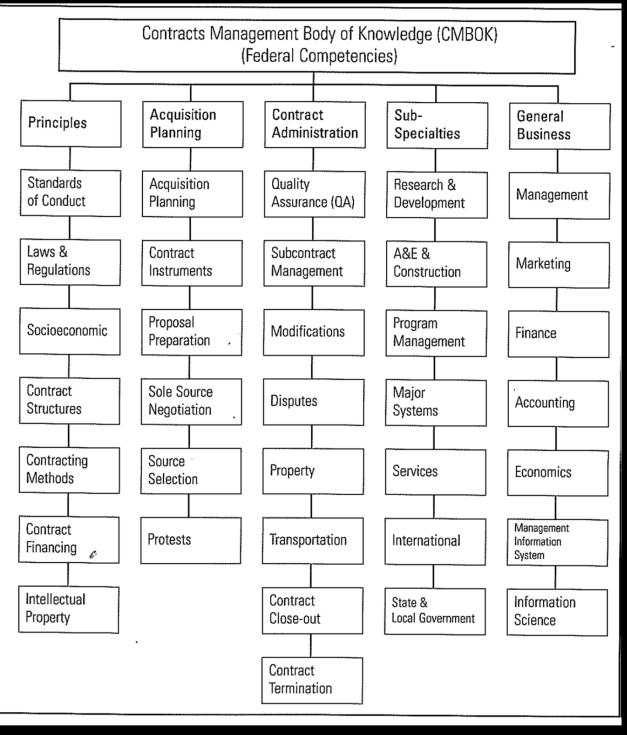


1985

X

NATIONAL CONTRACT MANAGEMENT ASSOCIATION

Guide to the **Contract Management** Body of Knowledge (CMBOK) **1st edition** Authors: David L. Bruce, CPCM; Marlys Norby, CPCM; and Victor Ramos, CPCM, CFCM September 2002





Guide to the Contract Management Body of Knowledge (CMBOK) 2nd edition Authors: Marlys Norby, Emmalyn Smith, and Ronald Smith April 2004



ANNOTATED GUIDE TO THE Contract Management Body of Knowledge 3







CONTRACT MANAGEMENT KNOWLEDGE BODY OF COMBOK

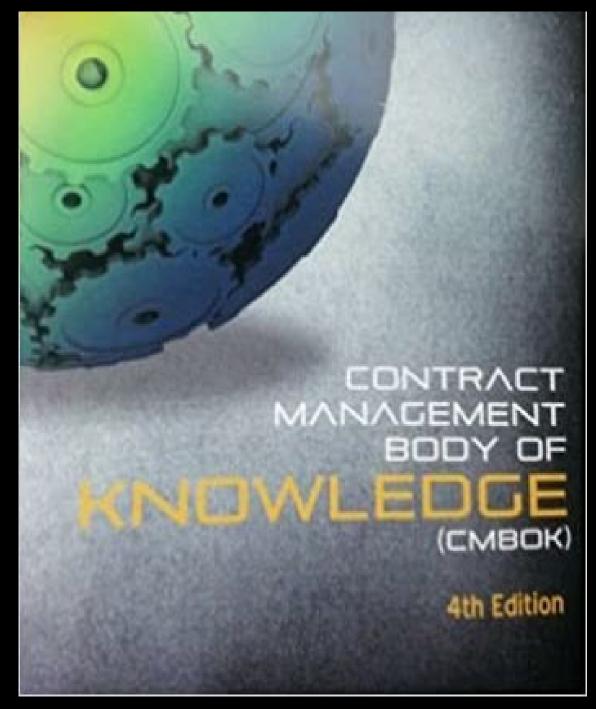
3rd Edition

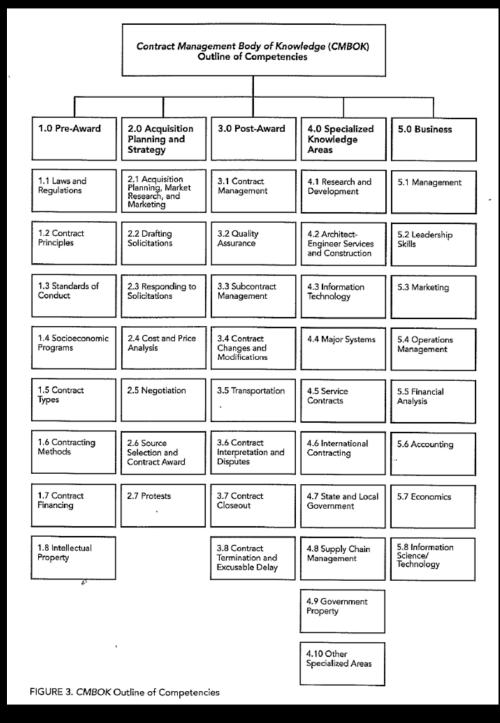
National Contract Management Association

Recise on the Surface to the Contract Management Rody of Entrandok 2004. By Martya Norby Entranyo Smith, and Except Lonto.

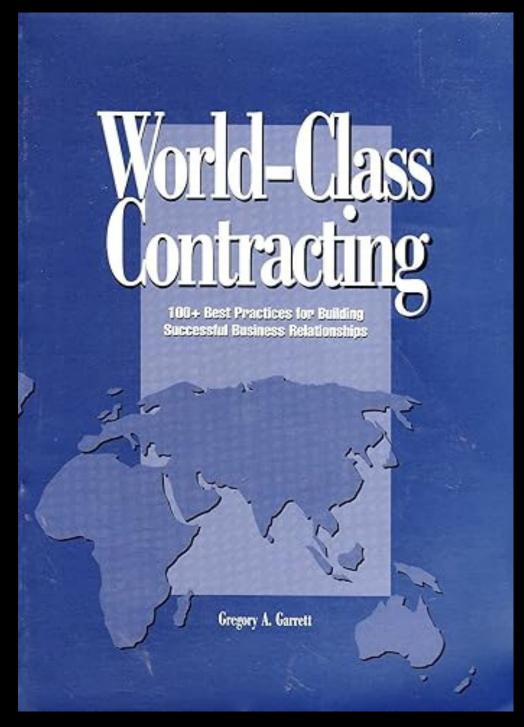
ANCMA

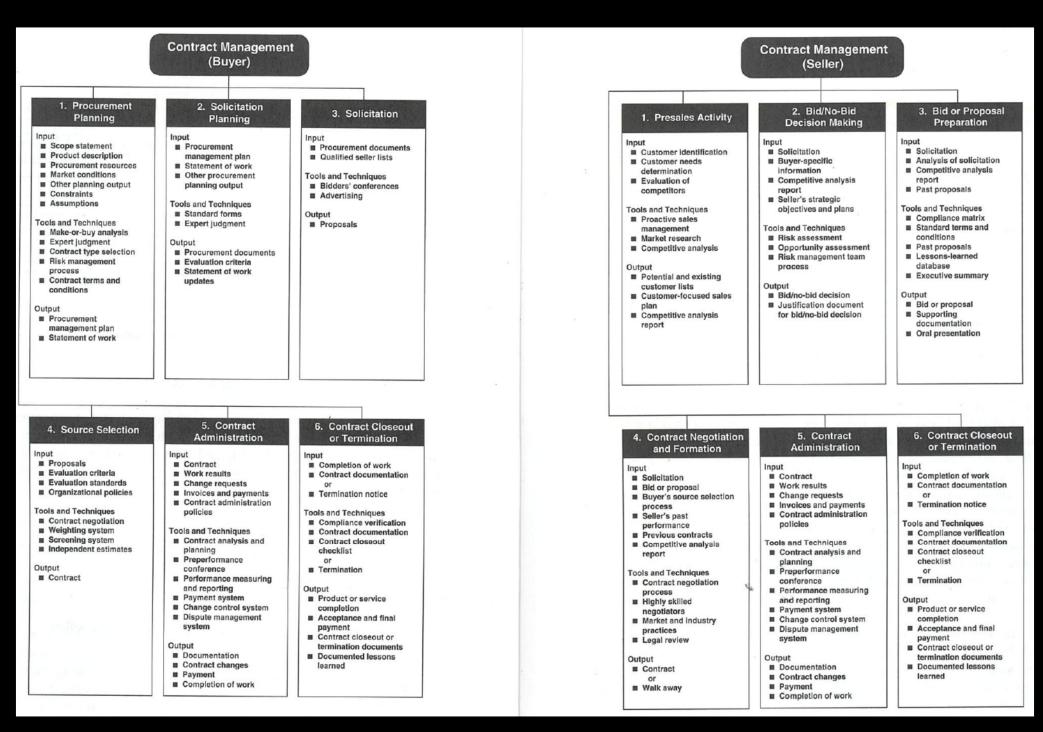








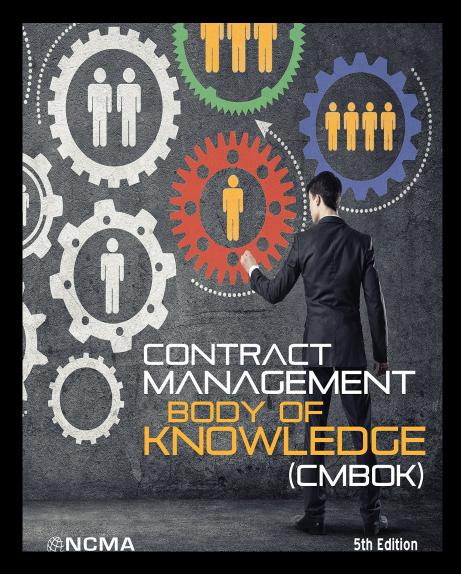


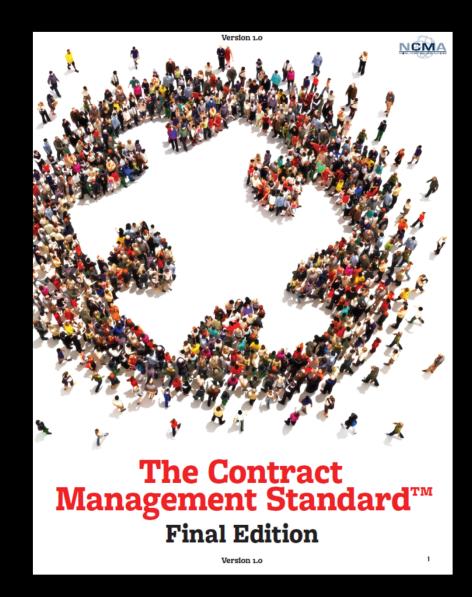


Gregory A. Garrett

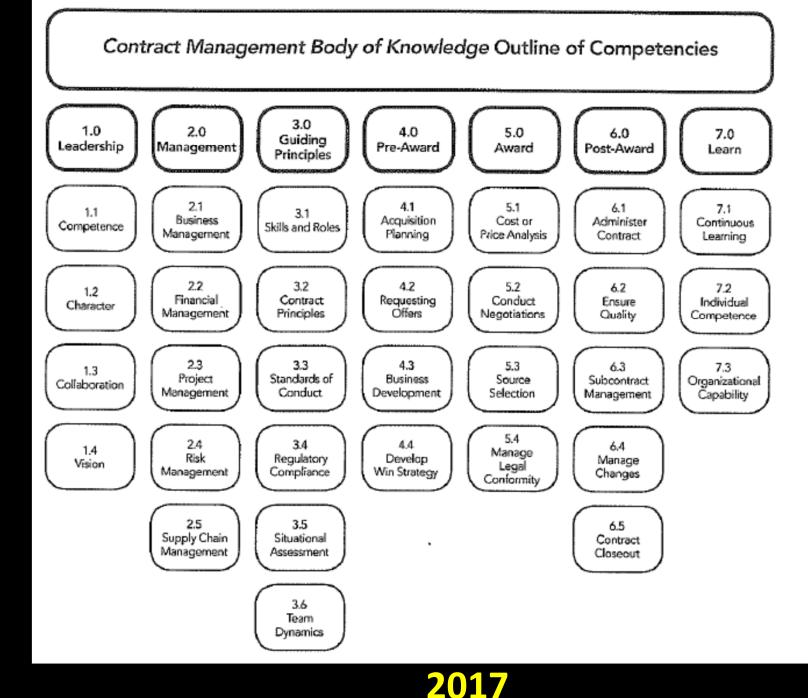














CONTRACT MANAGEMENT BODY OF KNOWLEDGE®

CMBOK®

6[™] EDITION

CONTRACT CONTRACT MANAGEMENT STANDARD^M PUBLICATION

ANCMA

CONNECTING TO CREATE WHAT'S NEXT

SECOND EDITION



ANSI/NCMA ASD 1-2019

Includes the Contract Management Standard™ ANSI/NCMA ASD1-2019





CONTRACT MANAGEMENT BODY OF KNOWLEDGE®

CMBOK®

7TH EDITION



CONTRACT MANAGEMENT STANDARD^{THE}

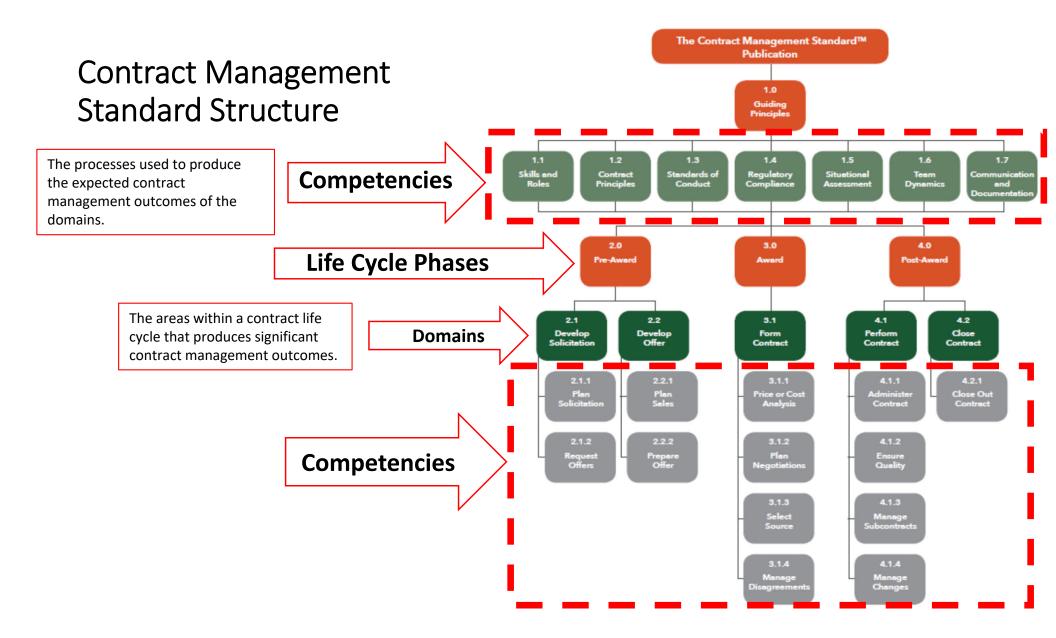


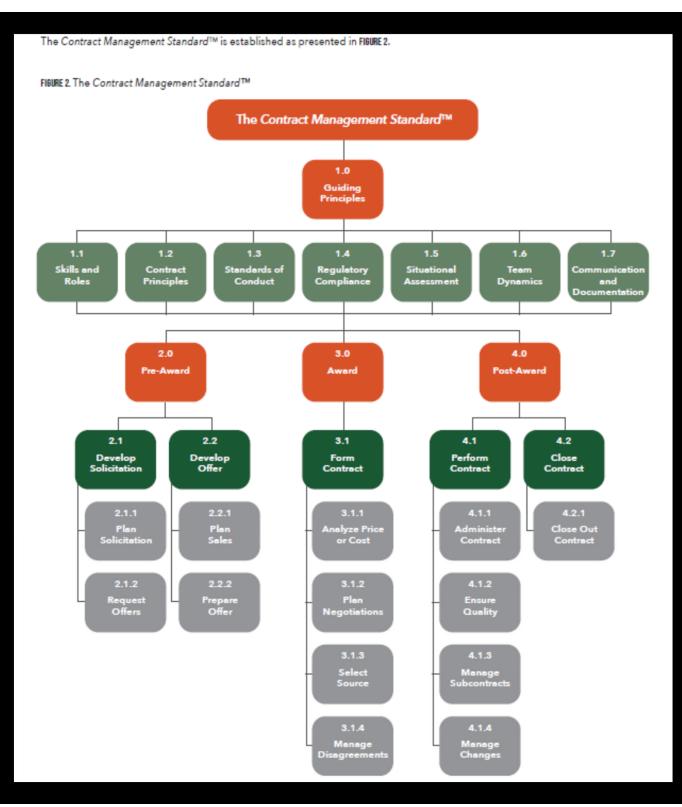
THIRD EDITION

Includes the Contract Management Standard[™] ANSI/NCMA ASD 1-2019 (R2022)



ANSI/NCMA ASD 1-2019 (R2022)







CMS-FAR-UCC Matrix

This matrix cross-references the competencies and job tasks of the <u>Contract Management Standard</u>[™], Third Edition [American National Standard ANSI/NCMA ASD 1-2019 (R2022)] with the Parts of the <u>Federal Acquisition Regulation</u> (FAR) and the Articles of the <u>Uniform</u> <u>Commercial Code</u> (UCC).

| CMS Competency | Job Task | FAR Part | UCC Article (Part) |
|--|--------------------------------------|---|--------------------|
| 1.0 Guiding Principles | | | |
| 1.1 Skills and Roles | | 1 | 1, 2 - 9 (1) |
| 1.2 Contract Principles | | 1 | 1, 2 – 9 (1) |
| 1.3 Standards of Conduct | | 3, 9 | 1, 2 – 9 (1) |
| 1.4 Regulatory Compliance | | 22, 23, 24, 27, 28, 29 | 1, 2 – 9 (1) |
| 1.5 Situational Assessment | | 17, 18, 25, 34, 35, 36, 37, 38, 39, 41, 50 | 1, 2 – 9 (1) |
| 1.6 Team Dynamics | | 1, 2, 4 | NA |
| 1.7 Communication and Documentation | | 1-52 | 1-9 |
| 2.0 Pre-Award | | | |
| 2.1 Develop Solicitation | | | |
| 2.1.1 Plan Solicitation | Shape Internal Customer Requirements | 11 | NA |
| | Conduct Market Research | 5, 7, 10 | NA |
| | Perform Risk Analysis | 6, 8, 10, 15, 19, 26 | NA |
| | Formulate Contracting Strategy | 12, 13, 14, 15, 16 | NA |
| | Finalize Solicitation Plan | 12, 13, 14, 15 | NA |
| 2.1.2 Request Offers | Execute Solicitation Plan | 12, 13, 14, 15 | NA |
| | Prepare Solicitations | 12, 13, 14, 15 | NA |
| | Issue Solicitations | 5, 12, 13, 14, 15 | 2 (2) |
| | Respond to Seller Communications | 5, 12, 13, 14, 15 | 2 (2) |
| | Amend Solicitations | 12, 13, 14, 15 | 2 (2) |

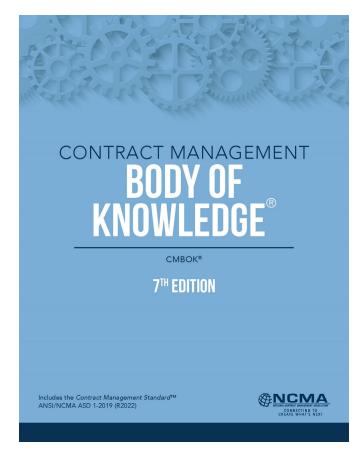


| 2.2 Develop Offer | | | |
|------------------------------|--|-------------------|-------------------|
| 2.2.1 Plan Sales | Conduct Pre-Sales Activities | 3, 5 | NA |
| | Evaluate Solicitation | 2 | 2 (2), 2A (2), 6 |
| | Conduct Bid/No-Bid Analysis | 6, 9 | 2 (2) 2A (2) |
| | Finalize Sales Plan | 7, 12, 13, 14, 15 | 2 (2), 2A (2), 6 |
| 2.2.2 Prepare Offer | Execute Sales Plan | 12, 13, 14, 15 | 2 (2), 2A (2) |
| | Develop Execution Plan | 45, 46 | 2 (2), 2A (2) |
| | Develop Risk Mitigation Plans | 32, 42, 49 | 2 (3), 2A (2) |
| | Assess Teaming Options and Partners | 9, 19, 44, 51 | 2 (2), 2A (2) |
| | Participate in Customer Communications | 5 | 2 (2), 2A (2) |
| | Finalize Offer | 4, 53 | 2 (2), 2A (2), 6 |
| 3.0 Award | | · | • • • • • • • |
| 3.1 Form Contract | | | - |
| 3.1.1 Price or Cost Analysis | Comprehend Offer | 12, 13, 14, 15 | NA |
| | Evaluate Seller Terms & Their Impact on Risk | 12, 13, 14, 15 | 3 (2) |
| | Determine Reasonable Pricing | 30, 31 | 3 (2) |
| | Document Analysis Results | 30, 31 | 3 (2) |
| 3.1.2 Plan Negotiations | Clarification Requests | 12, 13, 14, 15 | NA |
| | Document Negotiation Objectives | 12, 13, 14, 15 | NA |
| | Conduct Discussions | 12, 13, 14, 15 | NA |
| 3.1.3 Select Source | Review Compliance of Offer(s) | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| | Source Selection | 12, 13, 14, 15 | 2 (2 – 3), 2A (2) |
| | Conduct Negotiations | 12, 13, 14, 15 | 2 (2 – 3), 2A (2) |
| | Finalize Negotiations | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| | Final Offer Revision | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| | Prepare Contract Document | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| | Finalize Contract Award | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| | Document Outcome of Offer | 12, 13, 14, 15 | 2 (2 - 3), 2A (2) |
| 3.1.4 Manage Disagreements | Submit Protests and Appeals | 33 | NA |
| | Respond to Protests and Appeals | 33 | NA |

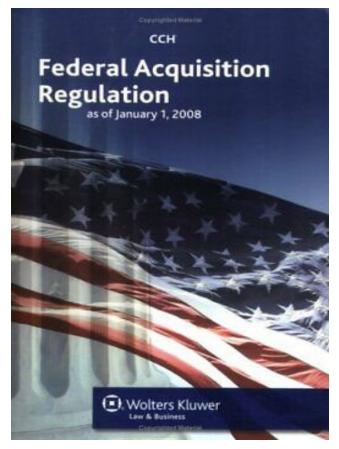


| 4.1 Perform Contract | | | |
|---------------------------|--|---------------------------|------------------------------------|
| 4.1.1 Administer Contract | Execute Contract | 12, 13, 14, 15 | 1-9 |
| 4.1.1 Administer Contract | Conduct Post-Award Conference Meeting | 42 | NA |
| | Maintain Contract Documentation/Files | 42 | 1-9 |
| | Provide Cost Information | 30, 31 | 3 (2), 4, 4A, 5 |
| | Establish/Maintain Communications | 1 | S (2), 4, 4A, 5 |
| | Evaluate Interim Contractor Performance | 42, 47, 48 | 2 (2, 5, 6, 7), 2A (2, 4 |
| | Manage Deliverables | 12, 13, 14, 15 | |
| 4.1.2 Ensure Quality | Manage Deliverables | 12, 13, 14, 15 | 2 (2, 5, 6, 7), 2A (2, 4 |
| 4.1.2 Ensure Quality | Plan for Contract Performance Delivery | 46 | 2 (5, 6, 7), 2A (2, 4), 3 (2) |
| | Plan for Contract Performance Monitoring | 46 | 2 (5, 6, 7), 2A (2, 4), 3 (2) |
| | Inspect and Accept Contract Performance | 46 | 2 (5, 6, 7), 2A (2, 3, 4) 3 (2) |
| 4.1.3 Manage Subcontracts | Determine Supply Chain Requirements | 9, 19, 44 | 2(2) |
| | Issue Subcontracts | 9, 44 | NA |
| 4.1.4 Manage Changes | Manage Contract Changes | 43 | 2 (2, 6, 7), 2A (2), 3 (2) |
| | Conduct Contract Interpretation | 2, 33 | 2 (1), 3(2) |
| | Determine Contract Termination | 49 | 2 (6, 7), 2A (2, 4, 5), (3) |
| 4.2 Close Contract | | • | |
| 4.2.1 Close Out Contract | Validate Contract Performance | 42 | NA |
| | Verify Physical Contract Completion | 42 | NA |
| | Prepare Contract Completion Documents | 4 | NA |
| | Coordinate Final Disposition of Owner-Provided | | |
| | Property/Equipment/Information | 45 | NA |
| | Settle Subcontracts | 44 | NA |
| | Reconcile Contract | 4 | NA |
| | Make Final Payment | 4, 31, 32 | 4, 4A, 5 |
| | Evaluate Final Contractor Performance | 42, 47, 48 | NA |
| | Finalize Contract | 4, 12, 13, 14, 15, 42, 52 | NA |

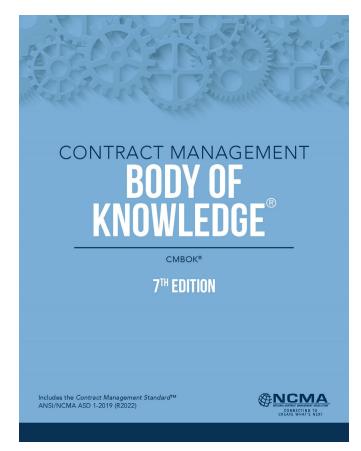
Contract Management Principles



Application in Federal Government Contracting



Contract Management Principles



Application in Commercial Contracting

UCC Uniform Commercial Code

OFFICIAL TEXT

Article 1. - General Provisions Article 2. Sales Article 2A. Leases Article 3. Negotiable Instruments Article 4. Bank Deposit Article 4A. Funds Transfers Article 5. Letters of Credit Article 6. Bulk Transfers and [Revised] - Bulk Sales Article 7. Warehouse Receipts, Bills of Lading and Other Documents of Title Article 8. Investment Securities Article 9. Secured Transactions

Theory vs. Practice

- Theory: a set of concepts used to define and/or explain some phenomenon (Silverman, 2000).
- There is nothing so practical as a good theory (Lewin, 1951).
- Theory and practice can and should be integrated, each informing the other.

Management Theories

- Theory of Core Competencies
- Resource/Knowledge-Based View (RBV) Theory
- Strategic Choice Theory
- Resource Dependence Theory
- Auditability Theory

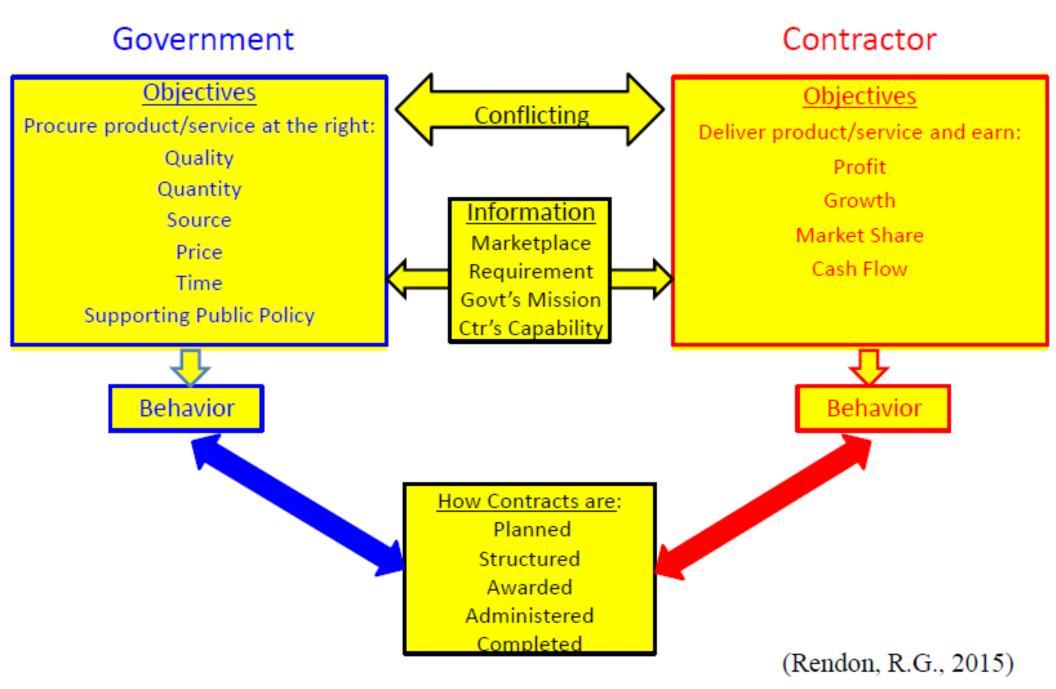
Economic Theories

- Transaction Cost Economics Theory
- Principal-Agent Theory
- Contractual Theory

Principal-Agent Theory

- When one organization delegates responsibility to another organization, the first organization must monitor the second organization or risk opportunistic behavior.
- Conflicting objectives and information asymmetry between the parties may lead to opportunistic behavior in the form of adverse selection (hidden information) or moral hazard (hidden behavior).

Agency Theory (The Principal-Agent Problem)



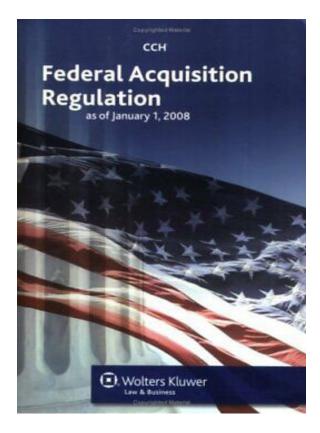
Theory Supporting Practice

- Contract managers should use theory as conceptual frameworks that support contract management principles.
 - Theory should inform contract managers on actions to take and how to implement those actions.
 - Contract managers should recognize how an organization's current situation departs from the conceptual framework.
 - Contract managers should implement organizational strategies to close identified gaps.

Contract Management Foundational Theories

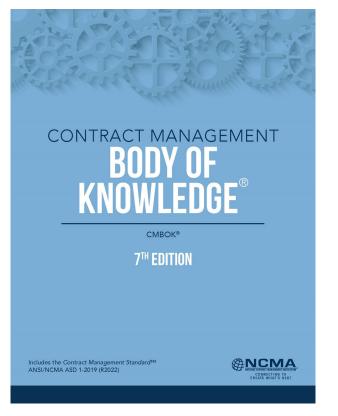
Contract Management Principles

Application in Federal Government



Management Theories

Economic Theories



NAVAL Postgraduate School

Commencement Ceremony

PRAESTANTIA PER SCIENTIAN

NAVAL POSTGRADUATE SCHOOL

NPS

1.86

1221

1

1 University Circle | Monterey, CA 93943 | www.nps.edu

NAME AND ADDRESS OF A DRESS OF A D

NPS Catalog

The Defense Contract Management curriculum is an interdisciplinary program which integrates management theory, accounting, economics, finance, behavioral science, management theory, operations/systems analysis, and specific courses in acquisition and contracting. The 815 curriculum includes a concentration option in strategic purchasing. Student input includes officers and civilians from all DoD services, other federal agencies and allied nations. The curriculum is designed to provide officers and civilians with the skills to serve effectively in systems buying offices, field contracting offices, contract administration offices, and contracting policy offices. The program can be delivered in 12 to 18-months, by adding Joint Professional Military Education courses or elective academic certificates as required. The program contributes to Defense Acquisition Workforce Improvement Act (DAWIA) certification in the Contract Management career field. Additionally, the curriculum is aligned with the competencies established in the National Contract Management Association (NCMA) Contract Management Body of Knowledge (CMBOK) and the Contract Management Standard (CMS). The curriculum supports preparation for the NCMA professional certification examinations including the Certified Federal Contract Manager (CFCM) and the Certified Professional Contract Manager (CPCM).

Questions to Consider

- Does your organization use the CMBOK/CMS?
- How does your organization use the CMBOK/CMS?
- How can your organization use the CMBOK/CMS?