Defense Cost and Resource Center

Contractor Cost & Software Resources Reporting

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It Helps to Remember Why….

Non-Standardized Reporting
- 1942 - Aeronautical Manufacturers’ Planning Reports (AMPR)
- 1958 - Missile Manufacturers’ Planning Reports (MMPR)
- 1959 - Missile Manufacturers’ Support Equipment Planning Reports (MMSEPR)

Early Standardized Reporting
- 1962 - Defense Contractors’ Planning Reports (DCPR)
- 1965 - Cost Information Reports (CIR)
- 1970 - Procurement Information Reports (PIR)

Current Reporting Requirements
- 1970 - Cost Performance Reports
- 1973 - Contractor Cost Data Reports (CCDR)
- 1996 - CCDR Reengineering Effort Began
CCDR Requirements

- Mandatory on all ACAT I contracts $50M (FY02) or greater including subcontracts
- May be placed on high-risk or high interest contracts between $7.0M - $50M (FY02)
- Cost Data Summary Report (1921) is required for all ACAT I
  - Component determines use for ACAT II/III
- Functional Cost Hour Report (1921-1) and Progress Curve Report (1921-2) – Required only for specific WBS items that are high quantity, high risk, or high technological impact from Phase A (Concept and Technology Development) through LRIP in Phase C
- Waived for Firm Fixed Price contracts if awarded competitively and competitive conditions continue to exist
The Work Breakdown Structure

“The Core” of Contract Cost Data Reports

- The WBS is a product-oriented family tree composed of hardware, software, services, data and facilities Level of Cost Reporting.
- Standardized information is essential to perform meaningful cost estimating
- Program WBS encompasses entire program and consists of at least three levels of the program
  - Used by Government to define the Contract WBS (CWBS)
  - Used by Contractors to develop and extend a CWBS
- CWBS is the approved WBS for reporting purposes and its discretionary extension by the contractor
  - Includes all product elements which are the contractor’s responsibility
  - Contract Work Statement should provide the reporting requirements
- Subcontractor flow down of WBS
SRDR Requirements

- **Programs Affected**
  - SRDR’s are required for all contracts within Acquisition Category (ACAT) IA, IC and ID with software content that is expected to exceed $25 million (FY02$)

- **The Reported Data**
  - Size, effort, schedule, and other descriptive development data
  - Submitted to Defense Cost and Resource Center (DCARC) for use by the DoD Cost Analysis Community

- **Report frequency**
  - 180 days prior to contract award by government PM *(estimates)*
  - 60 days after contract award or Memorandum of Understanding (MOU) by developing organization *(estimates)*
  - 60 days after start of subsequent software releases *(estimates)*
  - Within 60 days after any software release or final delivery by developing organization *(actual data about as-delivered product)*
Salient Features of Software Data

- Requesting data that developers normally use to manage software efforts
- Government suggests data elements
  - Must reflect size, effort, and schedule
  - Quality (defect) reporting only if directed by PM
- Developers have opportunity to comment on RFP
- Developers must propose how to meet intent
- Government-developer team customizes data items
  - Both the units and the definitions must be determined
- Delivery mechanism is flexible
  - Spreadsheet files preferred
  - Burden is on users to interpret and analyze

Objective: Maximum value at minimum cost
Cost Working Integrated Product Team (CWIP) identifies data needs, develops CSDR plan, customized SRDR, data dictionary, RFP language, and CDRL.

Developer analyzes and comments on data requirements.

(CWIP) evaluates comments, revises CSDR Plan, data dictionary, RFP language, and CDRL. Submits CSDR plan for CAIG approval.

CAIG Chair approves SRDR Plan.

Draft CSDR Plan

Customized SRDR

Data Dictionary

Draft RFP Language & CDRL

RFP Language & CDRL

Data Dictionary

Customized SRDR

CSDR Plan

Approval Letter

Cost and Software Data Planning Process
Cost and Software Data Collection Planning Process (Concluded)

Developer analyzes requirements and prepares proposal

1. Government team evaluates proposals

CWIPT Meets with Developer Within 30 DAW if CSDR Needs Clarification

2. Negotiated CSDR Plan, SRDR & Dictionary

PM & developer negotiate contract including CSDR plan

Proposal

CSDR Plan

Customized SRDR and Updated Data Dictionary

Contract
# Current ACAT 1 CCDR Status

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<th>Active Programs w/CAIG Approved CSDR Plans &amp; Incoming Data</th>
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<td>***-CARD missing CSDR Plans. Program Office non-responsive</td>
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Note: Data based on USD(AT&L) Memo dated July 1, 2003 re Addendum to FY2003 MDAP Lists