



Rob Dobson & Associates

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PROGRAM & PROJECT MANAGEMENT

COMMERCIAL STRATEGIES

PROCUREMENT & CONTRACTING

SYSTEMS & SOFTWARE ENGINEERING

ENTERPRISE ARCHITECTURE

SYSTEM ARCHITECTURE

SYSTEM INTEGRATION

BUSINESS ANALYSIS & IMPROVEMENT

SYSTEM & SOFTWARE COST ESTIMATION

LEARNING & DEVELOPMENT

MATERIEL LOGISTICS

QUALITY MANAGEMENT



Rob Dobson & Associates (RDA) has provided professional services to Defence since 1998. Our staff are experts in their fields and systems thinkers with a thorough working knowledge of Defence. They look for opportunities to transfer their knowledge and experience to those they work with. Many of our staff have held senior positions in Defence and industry. We leverage this deep understanding of both sides of the contractual equation to ensure that the solutions we deliver are practical and commercially relevant.

Business Analysis and Improvement Achievements

- Business Process Management & Engineering – CIOG
- Holocentric models of the Capability Life Cycle Manual, ADF HQ, Australian Security Vetting Service

Commercial Strategy, Procurement and Contracting, Project and Program Management Achievements

- Smart Buyer/Independent Assurance Reviews – CASG
- Policy and process development
 - Involved in >50 project or product reviews
 - Development of PES and IPMP examples, templates and guide
 - Facilitation and support to Smart Buyer Workshops

Key Policy/Guides – CASG

- Project Risk Management Manual
- Sustainment Management Handbook
- DEF(AUST) 5664A WBS Standard

Commercial Policy and Practice (CPP) – CASG

- Support Procurement Strategy (SPS) process guidance and training
- Australian Standard for Defence Contracting (ASDEFCON) templates
- Help desk support to projects and sustainment
- Offer Definition and Improvement Activities Better Practice Guide

Performance Based Contracting Centre of Expertise – CASG

- Support to projects and sustainment organisations

Future Submarine Project – CASG

- Strategic Commercial Advisor
- Support to PBC elements

Engineering, Logistics and Enterprise Architecture Achievements

Chief Systems Engineer Branch – CASG

- Materiel engineering policy and process for procurement and contracting
- Capability Definition Description (CDD) guide, CDD-Lite Guide, FPS Development Guide, Requirements Analysis and Requirements Management Guides
- Materiel engineering, acquisition & sustainment policies and processes including those for software acquisition management, safety engineering and measurement, and technical data
- Engineering Assurance Framework
- Australian Defence Contracting (ASDEFCON) templates
- Integrated Logistics Support and Logistics Support Analysis policy and process
- Definition of new Defence logistics information management systems
- Implementation of modern technical data standards (e.g. S1000D)

C4ISR Design

- Operational Design Patterns
- Vulnerability Analysis

CIOG ICT Architecture Branch

- Interoperability & Integration Assessments

CIOG Major Project Integration

- System Architect Development

CASG

- ERP – Engineering & Logistics
- Maritime Communications Architecture
- Land Communications, Net-centric Warfare
- Joint Command Support Environment

Joint Project 2030 Ph 8 (Joint Command Support Environment)

- Development of an Evolutionary Acquisition strategy
- Development of the Capability Proposal First Pass
- Development of the Capability Proposal Second Pass for the first and second evolutions
- Development of cost modelling approach to support approval of Evolutionary Acquisition through Defence and Central Agency consideration

Software Estimation – JORN mid-life upgrade

- Developed independent software cost and schedule estimates
- Provided engineering advice, identified risks and assisted mitigation planning
- Conducted tender evaluation

Learning and Development Courses/Training:

- Systems Engineering (Campus)
- Materiel Logistics
- Requirements Management
- Requirements Engineering (Campus)
- Configuration Management (Campus)
- Materiel System Safety (Campus)
- Technical Data Management (Campus)
- Reliability, Availability and Maintainability (Campus)
- Engineer and Technical Officer Induction (Campus)
- ASDEFCON Contracting Templates (various)
- Understanding Our Business
- Acquisition and Sustainment Implementation Strategy
- Support Procurement Strategy
- Cost and Schedule Estimation Practitioner Training
- ASDEFCON Support and Support Short Training
- Performance Based Contracting

Quality Management Achievements

DMO Standardisation Office

- Development of process architecture and content for Quality and Environmental Management System
- Definition of policy topics structure across business process owners
- Business Process Management & Engineering

CIOG

- Holocentric models of the Capability Life Cycle Manual, ADF HQ, Australian Security Vetting Service

DEFENCE SUPPORT SERVICES PANEL MEMBER

RDA Skill Sets

DSS Skill Levels

Program Management Services

Program & Product Management Services & Support	1 - 5
Project Management Services & Support	1 - 5
Project Risk & Issue Management	1 - 4
Project Schedule Management	1 - 4
Data and Configuration Management	1 - 4
Process Definition and Improvement	1 - 4
Software Estimation	1 - 4
Life-Cycle Costing (LCC)	1 - 4
Project Costing Services	1 - 4

Engineering and Technical Services

Systems and Software Engineering – Systems Engineering	1 - 4
Systems and Software Engineering – Systems Architecture / Integration	1 - 4
Systems and Software Engineering – Software Engineering	1 - 4
Systems and Software Engineering – Testing and Evaluation (including verification and validation)	1 - 3
Systems and Software Engineering – Safety Management	1 - 4
Systems and Software Engineering – System Security	1 - 4
Systems and Software Engineering – Technical Certification	1 - 3
Technical – Configuration Management	1 - 4
Specialist Engineering – Communications Network Engineering	1 - 4
Specialist Engineering – Communications Engineering (RF/Tactical)	1 - 4
Specialist Engineering – Integration Engineering	1 - 4
Specialist Engineering – Submarine Systems	1 - 4
Specialist Engineering – Electronic Warfare Self Protection	1 - 4
Specialist Engineering – Aerospace Systems	1 - 4
Specialist Engineering – Capability Definition Documents Development	1 - 4

Materiel Logistics Services

Integrated Logistic Support Management	1 - 4
Logistics Support Analysis	1 - 4

Commercial Services

Strategic Business Advice	3 - 5
Procurement Methodologies & Contracting Options & Tender Development	1 - 5
Procurement Evaluation Support	1 - 4
Contract Management & Contract Performance	1 - 4

Corporate Performance Services

Continuous Improvement – Strategy/Facilitation/Coaching/Mentoring Programs	1 - 4
Quality Management: Theory and Principles	1 - 4
Quality Management: Quality Management System Development	1 - 4
Learning and Development (L&D) Analysis Services	1 - 4
Learning and Development (L&D) Design and Development Services	1 - 4