



Australian Government
Department of Defence
Defence Materiel Organisation

**THE CHALLENGES ARE
ENORMOUS...
SO ARE THE REWARDS**

DMO



**Systems Engineer
APS Level 6**

Job Reference No DMO/31122

**Location: Defence Establishment,
Orchard Hills, NSW**

Job Reference number:	DMO/31122
Position title:	Systems Engineer
APS level:	APS 6 in accordance with the Defence Collective Agreement (DeCA)
Remuneration:	\$ 65,520 – \$ 74,846 + 15.4% Super
Group:	Defence Materiel Organisation
Division:	Explosive Ordnance Division
Branch / Directorate:	Munitions Branch / Munitions Projects Directorate
Section:	Projects Engineering
Location:	Orchard Hills, NSW
Employment arrangements:	Full Time
Type of employment opportunity:	Ongoing
*If Non-Ongoing, enter duration of Term:	
Security classification of position:	SECRET
Contact officer:	Anjum Rafiqi (02) 4728 0780
Closing date:	12 November 2009

Introducing the Defence Materiel Organisation

The Defence Materiel Organisation's (DMO) purpose is to equip and sustain the ADF and our first priority is to provide equipment for ADF units deploying on operations. We manage over 210 major capital equipment projects and over 150 minor projects, and we also sustain and upgrade over a hundred existing fleets.

The DMO will manage over \$130 billion of acquisition and sustainment business in the next 10 years. On Defence's behalf, we also manage one of the largest holdings of physical assets and inventory in the country valued at more than \$37 billion.

Under the leadership of our Chief Executive Officer Dr Stephen Gumley, our vision is "to be the premier program management, logistics and engineering services organisation in Australia".

The 2009-10 DMO Budget provides resourcing of \$11.8 billion across the three DMO Programs:

- 1.1 Management of Capability Acquisition (\$6.2 billion up from \$4.5 billion)
- 1.2 Management of Capability Sustainment (\$5.4 billion up from \$5.1 billion)
- 1.3 Provision of Policy Advice and Management Services (\$0.1 billion)

The ADF's operational success depends on us providing its capabilities on time, on budget and to the required levels of quality and safety. The DMO employs more than 7,800 people over 40 locations in Australia and overseas.

For more information about the DMO visit www.defence.gov.au/dmo.

The Position

Overview

This position provides Explosive Ordnance technical support as part of the overall logistics management responsibilities of the Munitions Projects – Project Engineering Team and is responsible for conducting and supporting technical tasks associated with the Procurement, Safety and Suitability for Service and Service Release of EO on behalf of designated Projects.

Team activities include EO configuration management, related publication management and the provision of EO specialist advice to Defence and nominated external agencies.

Key Position Dimensions

Reports to:	EL 1 – Projects Engineering Manager
Number of Staff in the Work area:	4

Position Duties

1. For assigned projects:
 - a. Perform engineering responsibilities of a Design Engineer (DE).
 - b. Prepare engineering plan, specification verification compliance findings and Design Acceptance Recommendations.
 - c. Apply explosive ordnance knowledge to make assessments or decisions on the technical integrity to support Design Certification.
 - d. Apply principles of logical or scientific thinking to a wide range of intellectual and practical problems.
 - e. Define problems, collect data, establish facts, and draw valid conclusions.
 - f. Interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables.
2. Maintain reliability and performance of in-service explosive ordnance capability against customer requirements
3. Maintain Design Engineer (DE) Engineering Authority (EA) and provide assistance to PMU with the following activities for assigned projects:
 - a. Specify and develop proposed design changes and Explosive Ordnance (EO) Introduction into Service activities.
 - b. Perform Design Development / Review / Approval within the limitations of EA assigned by the CENGR.
 - c. Develop trial plans and supervise trials
 - d. Perform technical investigations on EO.
 - e. Development and verification of EO publications and procedures.
4. Meet / set priorities. Provide accurate and timely advice.
5. Establish performance requirements for contract.
6. Ensure compliance with Technical Regulations
7. Ensure compliance of in-service explosive ordnance with explosive ordnance design standards
8. Ensure OH&S aspects from EO Design are assessed.
9. Provide mentoring and coaching to Engineering staff
10. Keep abreast of technological development with explosive ordnance and EA Scope.
11. Monitor the exercise of Engineering Authority (EA) by DDOs and ES within scope of assigned EA.
12. Perform training for and mentor prospective DEs and DDOs.
13. Ensure all decisions and data is properly recorded.

Selection Criteria

Important

1. Demonstrated analytical thinking and decision making ability on engineering issues
2. Demonstrated ability to provide authoritative engineering advice with a view to provide advice to Major and Minor projects seeking to develop capability input documents.
3. Demonstrated ability in researching, collating and analysing engineering/technical data
4. Ability to resolve technical queries with a view to ensure project deliverables and schedule are not compromised.

5. Knowledge of Defence Project Management Frameworks and processes, or the ability to quickly acquire such knowledge.

Requirements

- Eligible for membership to the Institute of Engineers Australia.
- Experience in working in a regulated engineering environment. Completion of an undergraduate degree/diploma in Engineering minimum 3 years related experience in a regulated Engineering environment.

Qualifications

A degree in Engineering from an Australian tertiary institution or an equivalent qualification will be required to fulfil the requirements of this position.

Professionalisation

The DMO is seeking to recruit individuals with a commitment to ongoing professional development and our employees are encouraged to achieve and maintain professional status in a professional field.

The DMO's Professionalisation Initiative is a central strategy in DMO's *commitment* to meet the challenges of the future. This initiative for professionalisation and up skilling processes will be implemented to cover the entire DMO workforce. Prescribed eligibility requirements apply. The DMO is interested in candidates who can demonstrate an ongoing commitment to their own, and their staff's, professional development through achievement of chartered status or an equivalent form of professional recognition.

A key objective is to develop chartering/certifying processes and programs that enable our workforce to register competence through assessment against the highest standards available. They include formal professional certification programs that are awarded by a professional body or society, as currently applies to lawyers, engineers and technical officers, and accountants in DMO.

Employment Agreement

Terms of the Engagement

The successful candidate for the Systems Engineer position will be engaged as an *ongoing employee* under the *Public Service Act 1999*.

Remuneration Package

In accordance with ([DeCA](#)) the successful candidate can expect to receive an attractive remuneration package with a salary within the range of \$ 65,520 – \$ 74,846 and superannuation paid in accordance with legislative requirements.

Application Instructions

As part of our commitment to reducing Australia's carbon foot print, applicants are asked to submit their applications by email. Please ensure attachments are in Microsoft Word (**version 2003 or earlier**) or Adobe Portable Document Format (PDF).

sc.jobs@defence.gov.au

If unable to submit by e-mail, fax to: **(02) 9393 3598**

Applications are to be received by **12 November 2009**.

Your application must include:

1. **A completed copy of the AA312 form “Personal Particulars of Applicant”** clearly stating the DMO Job Reference Number **DMO/31122**. This form is available from the DMO website [How to Apply](#) under section **“Lodging your Application”**.
2. **A statement** demonstrating how you meet the selection criteria. Candidates must outline examples and achievements that demonstrate their claims against the criteria. The statement can be in narrative or dot point and must be no longer than three pages for Australian Public Servant (APS) 1-6 and four-five pages for Executive Level 1 (EL 1) and above level positions.
3. **A copy of your current resume**, which includes a summary of your work history commencing with your most recent employment, listing the dates of employment, company names and position titles. It should also include details of your qualifications including dates and institution names.

For additional information on preparing your application and addressing selection criteria refer to the [“Cracking the Code”](#) publication located on the Australian Public Service Commission website.

Further enquiries about the position can be made to Mr Anjum Rafiqi on (02) 4728 0780 or anjum.rafiqi@defence.gov.au.

Order of Merit

An Order of Merit or a Merit Pool may be created from the listed of suitable applicants which may be used to fill similar position/s in the event a position/s becomes vacant within the 12 months from gazettal date of this position.

Eligibility

Citizenship Requirements

To be eligible for employment with the Department of Defence, applicants must be Australian citizens. Only in exceptional circumstances can this requirement be waived.

Security Clearance Requirements

Please be aware if you are considering employment within the DMO, the following security issues need to be considered:

- applicants are advised that all DMO jobs require some level of security clearance;
- for CONFIDENTIAL level clearances, applicants must have a checkable background for the previous five years, and
- while for SECRET and TOP SECRET levels of clearance, applicants must have a checkable background for the past ten years.

Potential applicants must be aware that any lengthy overseas stay during these periods can make checking difficult.

Please note that this position requires a **SECRET** level clearance.

**Thank you for your interest in
Defence Materiel Organisation**