

Position Description

Job Title: Life Cycle Cost and Reliability Analyst
Department/Program: AOR
Reporting To: Asset Manager
Location: Garden Island, Sydney
Level/Salary Range: TBA
Level: Staff

SUMMARY OF POSITION

The Asset Performance Analyst is responsible for the establishment and ongoing management of a framework to quantify cost, risk and performance of the asset. The output of these systems will be to assist the customer in making informed decisions throughout the lifecycle of the asset in alignment with the Asset Management principles of ISO 55001.

DUTIES AND RESPONSIBILITIES

- Develop, maintain and manage a Life Cycle Cost Model (LCCM) to consider both operational and support elements
- Progress to achieve status within Navantia to provide guidance, mentorship and training on LCC and performance optimisation practices throughout the AOR enterprise
- Undertake LCC analysis activities, including sensitivity, trade-off and “what if” analyses to enable decision making and address hurt points;
- Assist in technical investigations and root cause analyses for both product and system failures.
- Provide monthly reports providing status of LCC activities and any forthcoming recommendations
- Support engineering change decisions, including the relationships between decision-making and the significance of how an engineering change would affect the LCC and platform performance
- Maintain all required LCC and reliability documentation detailing the methodologies and processes for meeting the requirements
- Develop, maintain and manage a Failure Reporting Analysis and Corrective Action System (FRACAS) for both product and process failure
- Assist in the management and execution of an in-service LSA program including the conduct of ILS analyses such as FMECA, RCM, RCM back-fit, MTA and OTA.
- Provide asset performance reporting through RAM and CBM analyses
- Assist in maintaining all required technical and programmatic risk documentation detailing the methodologies and processes for meeting customer requirements

QUALIFICATIONS AND POSITION REQUIREMENTS

- Tertiary Qualifications in Engineering
- Proven skills in modelling or simulating physical systems in a business environment

- Skills and experience in LCC or cost simulation methodologies and processes. ACEIT LCC software tool experience preferred
- Skills and experience in performing RAM analyses
- Preferred experience in the Industrial / ADF / Maritime Defence environment
- Minimum of 2 years' experience in a similar cost modelling/simulation role
- Advanced knowledge of MS Excel
- Demonstrated ability to operate autonomously using initiative, sound reasoning, listening and decision making skills
- Demonstrated ability to deliver results in a high pressure environment
- Ability to communicate effectively internally and externally to build positive relationships at all levels of the business.

COMPETENCIES

Technical:

- Knowledge of Asset Management principles - ISO 55000
- Demonstrated knowledge of systems engineering.
- Knowledge of ships operating and sustainment systems.

Management:

- Demonstrated ability to manage competing priorities
- Ability to work independently and communicate with stakeholders

Behavioral:

- Demonstrate behaviours that promote positive team morale
- Demonstrate Navantia values at all times and encourage others to do so
- Develops relationships based on trust and support

Leadership:

- Promote a positive culture in the Asset Management team.
- Participates in change with energy and enthusiasm

Security:

- Ability to gain Baseline Security Clearance as a minimum

Pre-employment Medical / Background Checks

- Reference Checks, Employment Verification Check, AFP Police Check, Qualification Check

APPROVED

Approved by: Managing Director - Alfonso Garcia Valdes	Signature / Date:
Approved by: Human Resources - James Cowie	Signature / Date: