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## **Job Description –Design Engineer (Senior)**

**Incumbent:** (To Be Advised)

### **Purpose of Position**

- Preparation of high quality, timely designs satisfying both organisation and client expectations, ensuring professional and statutory standards are met

### **Reports to**

- Engineering Manager

### **Direct Reports**

- CAD Operator(Engineering)

### **Functional Relationships**

Internal:

- Managing Director
- Business Manager
- Construction Manager
- Survey Manager/Staff

External:

- Sub-Consultants
- Clients
- Local Councils and Servicing authorities
- Statutory and Regulatory Bodies

## **RESPONSIBILITIES**

### **Design Engineering**

- Preplanning, determination of objectives and gathering data via research and asking questions both internally and externally
- Consolidation of data, including consideration of options and constraints
- Preparation of conceptual design
- Prepare actual design
- Review evaluate and check designs
- Coordinate, liaise and check with Contract Administrator
- Follow up parties responsible for authorising for drawing approvals
- Prepare Schedule of Quantities

### **General**

- Maintain and develop workplace standards and policies including industrial, OH&S, environmental, legal, statutory and contractual requirements.
- Ensure conformance to KLM Spatial quality standards.
- Ensure all activities are carried out in accordance with Company's Guidelines, Mission and Value Statements.
- Keep timesheets on activities

### **Training**

- To ensure the ongoing development of skills of the Design Engineer Graduate

## **AUTHORITY**

- Recommend changes in designs
- Recommend changes in project priorities
- Recommend training needs of less senior engineering staff

## **QUALIFICATIONS AND EXPERIENCE**

- Bachelor of Engineering or equivalent
- Eligible for Member Institute of Engineers Australia
- 10 years experience in engineering positions or similar
- Working knowledge of the following preferable:
  - Autocad
  - 12D
  - Hecras
  - Music

- MS Office
- MS Project

### **COMPETENCIES**

- Technical skills
- Ability to train
- Conceptual
- Analytical
- Accurate and detail minded
- Customer focussed
- Team orientated

### **KEY PERFORMANCE INDICATORS**

- Achievement of customer expectations of project completion and quality of design
- Team Orientation
- Flexibility with changing priorities
- Skills development

Operative Date: January 2013