

## Scope of Work Contracting Services for Majuba Draughtsman

SoW Senior and Junior Draughtsman

Total Number of Draughtsman required:

1 x Senior Draughtsman [T12]

1 x Junior Draughtsman [T10]

1 x SD&L Draughtsman Trainee

1. Year One

### **Skills Required**

- Experience in Draughting of Power Station drawings
- Electrical
- C&I
- Civil
- Structures
- Supports
- Equipment
- Piping
- Ability to convert conceptual designs into intelligible drawings
- Highly skilled in reading and understanding technical drawings
- Ability to draught and design drawings from mark-ups.
- SPO Suite basic
- Assists with tasks such as plotting, printing, copying and scanning of drawings.
- Generates drawing transmittals
- Key Responsibilities
- Review multidiscipline drawing content ensuring correct and sufficient information is indicated and the level of detail complies with the project requirements.

### **Drawings include:**

- Block Flow Diagrams
- Process Flow Diagrams
- Piping Instrumentation Diagrams
- Sectional Views drawings
- Single line Isometric diagrams
- Detailed support drawings
- Detailed structural drawings
- Detailed cable ladder and cable way drawings
- Verify Bill of Material content from Drawings
- Compile Non-conformance reports based on findings

### **Other Duties**

- Contracting Services for Majuba Draughtsman
- Ensure the correctness of all drawings by performing a CADD checking function on all drawings listed
- Assist the engineers in reporting on the completeness of design vs as-builds
- Assist in performing plant walk-downs to verify the installation and identification of plant against documentation
- Resolve Plant P&IDs technical queries as raised by engineers or contractors
- Update Plant Codification (KKS) using Eskom approved standards
- Producing paper hardcopies of CADD drawing outputs for issuing or electronic storage on SPO

### 2. Year Two

1 x Senior Draughtsman

1 x Junior Draughtsman

1 x SD&L Draughtsman Trainee

1 x New SD&L Draughtsman Trainee

### **Skills Required**

#### **Additional Tasks to above**

- Experience in Draughting of Power Station drawings
- Electrical
- C&I
- Civil
- Structures
- Supports
- Equipment
- Piping
- Ability to convert conceptual designs into intelligible drawings
- Highly skilled in reading and understanding technical drawings
- Ability to draught and design drawings from mark-ups.
- SPO Suite basic
- Assists with tasks such as plotting, printing, copying and scanning of drawings.
- Generates drawing transmittals

### **Key Responsibilities**

Review multidiscipline drawing content ensuring correct and sufficient information is indicated and the level of detail complies with the project requirements.

Drawings include:

- Block Flow Diagrams

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Approved:



**B Malope**  
**MIDDLE MANAGER ENGINEERING**

**20/11/2020**  
**Date**