

Job description – **Junior/Intermediate Electrical Building Services Designers**

Contractors Design Partner Ltd is a small company of mechanical and electrical consulting engineers within the construction industry and have been established for over 12 years. We carry out detailed design works, compiling technical schedules, detailed drawings and calculations as well as providing professional advice to our clients.

We are currently seeking to employ a Junior Electrical Designer based at our Holbury office in Southampton. The person we are looking for will need to have an eye for detail and consistency along with a willingness to learn and be proactive.

A working knowledge of AutoCAD, Microsoft Word & Excel and exposure to building services are prerequisites for this role.

Although the role would be mainly office based it would involve dealing directly with clients, manufacturers, specialists and other members of the professional team.

It is expected that the person has excellent communication and presentation skills which would have been gained from at least 1-5 years in a similar role to this.

A general list of items the role will work towards:

- To work from outline concepts by others and develop these into detailed design drawings and calculations, with guidance from the senior engineer
- Produce loads analyses for sizing of building loads
- Distribution board sizing
- Cable calculations using Amtech
- Carry out lighting & emergency lighting calculations
- Containment sizing
- Routing of electrical services
- Carry out basic coordination of electrical services with structure and other services
- Markup drawings for drafting by others
- Check drawings and schedules
- Liaise with manufacturers, suppliers and specialists
- Basic fire alarm, audio visual and other specialist systems knowledge
- Prepare schedules of luminaires, lighting controls and other equipment

In addition to the above general electrical design works, the position would require the typical personal traits:

- To be able to set deadlines
- To be able to work to deadlines set
- Good communication skills
- To want to learn further and develop
- Working closely with the rest of the team
- Have willingness and hunger to learn
- To pay attention to detail
- To work using one's own initiative
- To not be afraid to ask for help

Job details:

- Working hours: 07:30-16:30
- Overtime – paid when agreed required in advance
- Parking: free on site
- Salary: commensurate with experience and final working hours but would be generous for the correct person
- Holidays: 28 days PA including bank holidays

Commencement date: by agreement

On application please note your salary expectations and any other pertinent information.

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