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## Position Title: Mid-Level Electrical Engineer

Location: Basel, Switzerland

### Company Overview:

CRB is a privately-held company with a 30+ year history of providing design and construction solutions to the global life science marketplace. Founded in 1984, CRB has grown to over 1,000 employees and 15 offices. Building off the principals of still-active founder and CEO Jeff Biskup, CRB invests heavily in employee professional development and in maintaining an entrepreneurial culture. CRB is looking to build a professional design team in their newly-established office (and subsidiary) in Basel.

Why choose CRB: privately-owned, stable company with a smaller team environment, strong team culture, client-focused “do the right thing” attitude, excellent variety of tasks/ responsibilities, permanent positions.

### Qualifications:

- Degree in Electrical Engineering (Universität or Hochschule)
- 5+ years of experience in Electrical/Lighting design engineering, preferably in the Life Sciences industry
- Language: Fluent in German (C1+) and ability to communicate in English (B1+)
- Valid Work Permit for Basel, Switzerland, or ability to be permitted
- Proficiency in Autodesk Revit, AutoCAD and Microsoft Office Suite

### Position Summary:

CRB is looking for an energetic, self-motivated, and dynamic team-oriented individual that has a desire to help CRB continue to develop its facility engineering presence in the life science marketplace. A successful candidate will have the ability to execute all phases of design including initial feasibility/ studies, concept development, detailed design, construction documentation, and construction administration. Furthermore, the successful candidate shall display a solid working knowledge of local building code requirements and construction document preparation (e.g. graphics, detailing, and specifications) as well as organization and distribution during all stages of development (e.g. review, bid, permit, etc.). Project sizes will vary and will include both existing building improvements and new construction. The successful candidate will be expected to represent CRB in a professional manner.

### Responsibilities may include but are not limited to:

- Perform power system design tasks including layout, circuiting and panelboard schedules Perform lighting design tasks, including calculations, fixture layouts, specifications and scheduling of light fixtures
- Understanding local Swiss design codes and other related standards (Understanding of European Electrical Codes and Standards is a plus)
- Perform low-voltage system sizing and routing conduit, cable, cable trays, circuit breakers (e.g., power distribution, heat tracing, lighting, fire alarm and phone/data/other special systems)
- Perform fire alarm and telecom design tasks including layout and details
- Visiting project sites to analyze existing conditions and/or oversee construction
- Specifying and selecting electrical equipment
- Participating in the development of European design standards, tools and other strategic discipline developmental activities
- Meeting with clients to assess needs and develop an associated project program, facility assessment or other professional service
- Developing conceptual designs and coordinating with engineers on the design team
- Developing the BIM model for the resulting design and coordinating with the BIM Coordinator and all other internal and external project team members
- Developing construction drawings and specifications that incorporate client, regulatory, and industry standards
- Taking responsibility for discipline related internal and external project communication and coordination
- Traveling as required for client development and project execution
- Performing field work as required for project execution (e.g. taking field dimensions, field visits during construction, etc.)

### Contact details:

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