



Junior Design Engineer

Bern, Switzerland

About VSL

VSL is a subsidiary of the Bouygues Group, one of the world's leading construction organizations. Based in Switzerland, VSL is a leader in concrete bridge construction and special structures and has been involved in some of the most prestigious and complex concrete structures in the world (bridges, buildings, industrial plants, nuclear containers, tunnels...). VSL operates worldwide in 30 locations, offering a dynamic network, which includes technical design centers located in both Switzerland and Singapore. With approximately 4,000 employees, the group provides a full range of works from project planning through to complete final design, construction engineering and site management.

Primary purpose of position

VSL International hosts its Technical Centre in Bern, Singapore and Hong Kong. We are looking to reinforce our team in Switzerland (Bern) by recruiting a Junior Design Engineer able to support our commercial and production teams.

You will be involved in local and international projects.

Specific responsibilities

- Projects located in Switzerland and abroad
- Concrete structural design
- Post tensioning structure (building and bridges)
- Design of post-tensioned building slabs
- Structural solutions for buildings (strengthening, transfer slab....)
- Structural solutions for bridges (strengthening, jacking...)
- Bridge construction engineering

- Preparation of calculation and design reports
- Analysis of cost saving solutions for each project
- Innovation
- Missions on the project site (mainly checking design vs. as built)
- Prepare engineering drawings from calculation output software for posttension layout / rebar required
- International business trips (from time to time)

Profile

- Engineering degree or similar (Bachelor or equivalent)
- Calculation software: Cubus, Axis and other similar products / Sofistik
- SIA, Euronorm, ACI, AASHTO, BS
- Good knowledge of Autocad
- 2-3 years of experience in design (concrete, post-tension, steel) and calculation
- Knowledge of site work is a plus
- English fluent and French or German advanced (min. B2)

- Ability to draw simple drawings related to post tension layout on Autocad with the help of software calculation output
- Aptitude to think and act service-oriented (addressing feasibility of alternative solution, material quantities (PT, rebar) to offer engineering added value to our client)

- Are you self-motivated and able to adapt to intercultural teams?
- Do you have a meticulous, organized and thorough personality?
- Are you willing to work in a team as well as sometimes independently and under pressure?

- Are you willing to work and develop your skills in an international environment in a permanent employment?

Perspectives

We offer the right candidate 5 weeks' vacation, a modern working environment in a young and international team, and a modern office located in the new business park near Bern Wankdorf train station.

Starting date as soon as possible.

If you meet the above criteria, then apply now!
Please send your complete application **in English** by email to:

Ms. Manuela Frei (ma.frei@vsl.com)

The interview will be in English as well. Applications in any other language than English will not be considered.

VSL (Switzerland) Ltd.
Wankdorfallee 5
3014 Bern

<http://www.vsl-schweiz.ch/de>