

Designer-draughtsman

If you're a designer-draughtsman then this is an opportunity for you! Place your skills and creativity at the service of CERN's civil engineering projects. CERN's facilities include 650 surface buildings and 50 km of tunnels in France and Switzerland.

The successful candidate will join the civil engineering design service in the Design Office and Patrimony Section of the General Services Department (GS/SE-DOP), which is responsible for the civil engineering design and studies of surface and underground structures as well as for outdoor installations and underground networks. It also creates computerised 3D models of all accelerator-related structures. It also creates computerised 3D models of all accelerator-related structures.

Functions

As a designer-draughtsman in the DOP Section you will be assigned to the following tasks:

- Execution of preliminary design and/or project studies for new construction work or alteration work on surface or underground structures;
- Active involvement in preliminary design studies and feasibility studies for new projects in collaboration with project leaders and other participating technical services;
- Use of AUTOCAD or CATIA 3D to produce design and project management drawings for new projects and/or structural alterations, detailed architectural work and drawings of various utilities and roads networks;
- Participation in the transmission of information from and to CERN in cases where full or partial commissions are entrusted to outside architectural or engineering firms; checking and logging the documents received from these firms;
- Participation in the infrastructure consolidation programme, in the definition of consolidation and maintenance plans and in the diagnosis of long-term structural deterioration;
- Preparation of specifications for price enquiries, in accordance with CERN procedures, in collaboration with the Purchasing Service;
- Participation in defining the layout and geometry of structures and in the monitoring of work execution;
- Monitoring of changes in the technical specifications applicable to architectural/finishing work and of the technical features of new materials available on the market;
- Assistance in the preparation of impact studies for new projects.

Qualification required

Higher technical diploma as architectural/civil engineering draughtsman or equivalent training.

Experience and competencies

The technical competencies required for this position are:

- At least five years' experience in the design and execution of drawings in the various fields of building and civil engineering.
- Proficiency in the use of computer-assisted design (CAD) on AUTOCAD and, preferably, knowledge of a range of CAD applications (par ex. CATIA 3D, ARCHICAD, REVIT).
- Familiarity with technical standards for construction and structural design.
- Good knowledge of other building trades (civil-engineering structures, electricity, air-handling, plumbing, etc.).
- Good interpersonal skills, notably for negotiations with engineers, architects, contractors and suppliers.

The behavioural competencies required for this post are:

- Communication: customer-oriented approach and active listening skills for discussions with the Group's engineers and technicians.
- Achieving results: having a structured and organised approach towards work and being able to set priorities and plan tasks with results in mind.
- Working in Teams: understanding when teamwork is required to achieve the best results, including others accordingly and sharing information.
- Demonstrating flexibility and dynamism: adapting quickly and resourcefully to shifting priorities and requirements and being able to cope with workload spikes.
- Proven ability to work in a dynamic team and adapt to an international, multidisciplinary environment.
- Excellent knowledge of English or French and working knowledge of the other language.

Eligibility and closing date

Employing a diverse and international workforce is a CERN core value and central to our success. We welcome applications from all [Member States](#) irrespective of gender, age, disability, sexual orientation, race, religion or personal situation. This vacancy will be filled as soon as possible, and applications should normally reach us no later than 6 December 2011. By applying here, you allow CERN to consider your application for any position it considers relevant with respect to your profile. Please ensure you update your profile regularly with any relevant information and that you inform the Recruitment Service if you wish your file to be removed from the database.

Note on Employment Conditions

- We offer a limited-duration contract for a period of five years. Limited-duration contracts shall terminate by default on their date of expiry. Subject to certain conditions, holders of limited-duration contracts may be granted an indefinite contract.
- These functions require interventions in radiation controlled areas and in underground installations.

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