

**Engineer – Technical support for facility**  
*at Extreme Light Infrastructure –Nuclear Physics (ELI-NP) Research Facility*

**Position Description and Candidate's Profile**

**Scope of Work**

The Engineer – Technical support for facility will work in the Technical Support Department. He/she will participate in the operation, monitoring and maintenance of buildings related to the ELI-NP research facility and all the systems and the equipment. He/she will provide the Research Departments with technical support on the buildings in which the research is carried out. He/she will monitor the execution of construction works and fit out projects as contract manager.

**Main responsibilities:**

- Provide technical support for special buildings, the installation of the laser system, the Gamma system and all experimental systems serving the two machines;
- Participate to the drafting of the maintenance plan (preventive, predictive and corrective);
- Coordinate teams of technicians who carry out operations and maintenance activities related to the ELI-NP research facility;
- Monitor the operations of the facility and identify technical difficulties that may occur and propose solutions to overcome them; identifies deficiencies that may be subject to warranty;
- Analyze the maintenance activities (preventive, predictive, corrective) and operating activities to propose improvement of the delivery methods, reduce the duration of intervention and reduce corrective work in favor of preventive;
- For the projects to which he/she was appointed, he/she will monitor as contract manager the fulfillment of the obligations of the contract as well as the compliance with the regulations in force by the contractors;
- Participate in workshops on how to carry out the maintenance and operation of the facility, the construction works and the provision of services subject to the contracts for which it is responsible for the contract
- Prepare and supports documentation for endorsement and compliance with the legal requirements for fire safety of the facility;
- Participate in the follow-up of the implementation of the work safety and security regulations by the parties involved in the performance of the works contracts for the projects to which he/she was appointed;
- Recommend appropriate measures and strategies to optimize the use of technological, human, financial resources needed for the proper functioning of the ELI-NP infrastructure;
- Participate to the activities related to the safety of the equipment and the operations;
- Drafts the documentation for endorsement and compliance with the legal requirements of the Fire Safety of the Facility;
- Participate to the coordination of the tracking for the behavior in time of the facility;
- Participate to the drafting of the strategies for energy efficiency;
- Ensure the fulfillment of all conditions for the support services, cooperate with other support departments and research departments.

## **Professional background**

- Graduate in Engineering (Technological Systems Management and Engineering, Mechanics, Civil Engineering).
- Relevant experience of technical support of the research infrastructures or complex projects of civil and industrial construction.
- Relevant experience in technical coordination and management of civil and industrial construction projects.
- Technical competence in the operation and exploitation of civil and industrial construction works.
- Experience in technical evaluation of tenders for construction projects
- Fluency in English
- Computer literate (MS Office Package, Auto Cad, BMS user software).

## **Working arrangements/Conditions of employment:**

- Full time position, based in Bucharest - Magurele, Romania.
- Included: private medical coverage, paid annual leave.
- Motivating salary, at European level, based on qualifications and experience.
- Professional, multicultural and interdisciplinary work environment.

## **Applications:**

The applications shall be accompanied by the documents requested in the Rules of Selection for this position.

The applications shall be sent to the Human Resources Department at [human.resources@eli-np.ro](mailto:human.resources@eli-np.ro)