

“HORIA HULUBEI” NATIONAL INSTITUTE FOR RESEARCH AND DEVELOPMENT IN PHYSICS AND NUCLEAR ENGINEERING (IFIN-HH) organizes competition for the position of TECHNICAL DIRECTOR at “Extreme Light Infrastructure – Nuclear Physics (ELI-NP)”

The competition will be organized at IFIN-HH headquarters, 30 Reactorului St., Măgurele Town, Ilfov County, at a date to be notified to the candidates.

The application folders shall be submitted until August 31, 2020, 16:00, at IFIN-HH headquarters - Human Resources Office.

Additional information can be obtained at e-mail address *human.resources@eli-np.ro*.

General conditions:

The candidates must meet the following conditions:

- a) hold a bachelor’s degree in Engineering/Physics, proved with bachelor of science diploma;
- b) hold the scientific title of Doctor of Philosophy in Physics/Engineering;
- c) have minimum 5 years of scientific/technical coordination experience within research infrastructures or complex nuclear physics/laser physics projects;
- d) be an experienced user of English;
- e) be medically fit, the proof being made with medical certificate;
- f) have full capacity of exercise;
- g) have no criminal record, proved with criminal record certificate.

Required abilities and skills

- Organization and coordination skills, efficiency and dynamism;
- Leadership and human networking skills;
- Ability to manage several tasks at the same time and to meet deadlines;
- Excellent communication skills;
- Ability to teach and stimulate performance;
- Results-orientation.

Description of the position

The Technical Director is in charge of the implementation and improvement of the technological strategy of the ELI-NP research center, as well as the creation of a technological environment favorable to the sustainable development of the center.

Job objectives:

- Ensuring compliance with the technical implementation pathway of the large research equipment at ELI-NP and coordinating the teams of scientists, engineers and technicians for implementing the equipment at ELI-NP;
- Coordinating the implementation, operation, maintenance and development of the high power laser and gamma beam systems;
- Ensuring the installation and commissioning of the experimental equipment inside the building in keeping with the documentation that defines the technical and scientific specifications of the infrastructure, in due course and within the allocated budget;

- Ensuring the development of the human resource necessary to achieve the technical and scientific objectives of ELI-NP;
- Implementing the laws and regulations on work safety and security and access within the ELI-NP center;
- Ensuring that the activities within the research center comply with all the requirements of the relevant environmental legislation.

Responsibilities:

- Coordinating the operation and maintenance of the infrastructure built at ELI-NP;
- Coordinating the implementation of the experimental setups as specified in the ELI-NP facility TDRs;
- Ensuring the implementation of the most advanced technical solutions for the experimental systems at ELI-NP;
- Recommending suitable measures and strategies to improve the use of technical, human, and financial resources required for the sound operation of the ELI-NP infrastructure;
- Fostering interdepartmental collaboration and with other research centers to solve technical issues and to develop new technologies;
- Reporting to the ELI-NP Director the difficulties faced by his/her team in implementing the equipment and proposing solutions to solve them;
- Defining the needs for human resources necessary to implement the technological strategy of the ELI-NP center, with the support of the specialized department;
- Attracting and guiding talented young people in the ELI-NP related fields;
- Supporting and guiding the teams involved in implementing the experimental systems at ELI-NP to overcome technical difficulties;
- Periodically assessing the way the Technical Division employees perform their job duties and the results obtained; proposing measures and actions intended to render them more efficient;
- Taking part, alongside the Quality Control Director, in monitoring the implementation of the contracts related to the construction of the infrastructure and the purchasing of the experimental equipment; identifying risks and proposing the mitigation plan to minimize any negative impact;
- Taking part in setting standards and procedures to monitor and measure performance in implementing technical projects;
- Monitoring the performance of maintenance and repair works on the equipment according to the approved annual plans;
- Monitoring and making sure that the requirements of the relevant environmental and work safety legislation are complied with;
- Ensuring the implementation of safety and access procedures;
- Ensuring the safety of installations and of personnel within ELI-NP;
- Ensuring the supervision of the equipment and of the infrastructure by means of the subordinated personnel;
- Ensuring the fulfilment of tasks by the subordinated personnel according to the job descriptions;
- Getting actively and efficiently involved in the dialog and communication at ELI-NP and promoting a harmonious collaboration framework.

Conditions of employment:

The activity shall take place within the ELI-NP subunit of IFIN-HH, in Măgurele Town, Ilfov County, Romania.

Employment contract of indefinite duration.

Working conditions, salary and the chance of a successful career at excellence level.

The application folders shall be submitted to the Human Resources Office of IFIN-HH and they must contain:

- a) the application form;
- b) curriculum vitae;
- c) the documents certifying the identity and the fulfilment of the application conditions;
- d) activity report;
- e) at least two recommendations attesting the professional capacity and the moral probity;
- f) proposal of a plan for implementing the technological strategy of ELI-NP.

The competition shall take place in three stages:

- a) the verification of the fulfilment of application conditions and the selection of candidates;
- b) the evaluation of the selected folders and of the offer regarding the plan for implementing the technological strategy of ELI-NP;
- c) the interview of selected candidates.

Evaluation of the candidates:

The evaluation of the candidates shall be made taking into account the application folders, the plan for implementing the technological strategy, and the appraisal of the candidates during the interview, by applying the following algorithm in relation with a maximum score that may be awarded, namely 100 points:

- professional training and experience: 30 points;
- offer regarding the plan for implementing the technological strategy of the project: 30 points;
- understanding of job duties and holding the necessary abilities and skills: 40 points

The final score shall be calculated by adding up the points awarded for each of the 3 (three) abovementioned criteria and must be at least 80. The candidate who has obtained the highest score above the minimum score shall be declared “admitted” to fill the position.

The result of the competition shall be communicated to the candidates by the care of the Competition Committee.

Note: Useful information for the candidates can be found at: www.eli-np.ro, http://www.rrp.infim.ro/2016_68_S.html