

## Search Committee for the ELI Beamlines facility

### Technical Director of the ELI Beamlines facility – competency profile

The ELI Beamlines Technical Director (“EBTD”) reports to the ELI Beamlines Project Director and holds the primary technical position in the Project. The EBTD is responsible for the technical integrity of the Project, executing this responsibility by activities which include the following:

1. Interfacing with the International Machine Advisory Committee and the International Scientific Advisory Committee to establish the technical objectives and milestones of the ELI Beamlines facility and to agree the experimental program
2. Establishing the primary criteria and functional requirements for the Project technical baseline
3. Establishing the acceptance criteria for the ELI Beamlines basebuild functionality
4. Managing the resources of the Technical Team to establish the design of the Technology Scope of the Project and to transfer these requirements through the Systems Integration Manager to the Project Delivery Team for detailed engineering and procurement
5. Ensuring resolution of science and technology issues to meet Project needs
6. Designating the technological goals of the project and defining the procurement requirements based on the needs for attaining the project goals
7. Preparing safety, commissioning and operating procedures for the Technology Scope equipment
8. Conducting reviews to assure the Project’s technical performance.

The EBTD is assisted in discharging these responsibilities by the Technical Team members.

The EBTD shall be appointed by the Director of the Institute of Physics, which is the beneficiary of the project’s funds from the Operational Program Research and Development for Innovation. The director of IoP shall consult the appointment with the ELI Beamlines Project Director.

### Technical skills

1. Technical or natural science background, PhD in laser physics preferable
2. Excellent knowledge of ELI Beamlines science and technology
3. Excellent understanding of the technological scene in Europe in the field of laser and photonics (references from R&D sector at the European level)
4. Excellent knowledge of the laser and photonics industry and experience in industrial related cooperation
5. Experience and participation in large-scale laser developments and laser facility projects
6. Past involvement (or at least knowledge) in the definition of training programs
7. Convincing list of publications and conference contributions, high level grants record

8. Knowledge in the field of user access
9. Excellent proficiency in English and knowledge of at least another European language.

## Management skills

1. Managerial experience in the following fields: large-scale international R&D projects, tertiary education, access management
2. Managerial experience in large-scale laser developments
3. Knowledge in quality management
4. Experience in community management.

## Leadership skills

1. Charisma
2. Organisational skills
3. Communication skills
4. Networking capacities
5. Experience in team, capacity and organisation building
6. Teaching experience.

*Interested candidates should send a letter of interest, including a brief description of research and leadership experience, CV and bibliography to: [registration@msmt.cz](mailto:registration@msmt.cz) no later than **November 28<sup>th</sup> 2011**.*

*For informal enquiries about any aspect of the position, please contact Mr Roman Hvězda ([Roman.Hvezda@eli-beams.eu](mailto:Roman.Hvezda@eli-beams.eu), +420 266 052 516). All enquiries/information from the candidates will be handled in the strictest confidentiality.*

*All applications will be assessed by a special selection board (so called Search Committee), consisting of both international and Czech experts as well as representatives of the ELI Beamlines project, that shall meet under the coordination and supervision of the Managing Authority of the Operational Programme Research and Development for Innovation on the turn of November and December 2011.*

*Top selected suitable candidates will be invited for interviews that will take place in the Czech Republic in January 2012 (date and place to be communicated in due time).*

*For details regarding the Search Committees, please visit the following webpage: [www.msmt.cz/strukturalni-fondy/search-committees](http://www.msmt.cz/strukturalni-fondy/search-committees)*