

# Ref. IN/18/01 Engineer in charge of the development, management and maintenance of fluid and mechanical systems

Elettra Sincrotrone Trieste is an international multidisciplinary research center operated as a user facility, featuring a 2.0/2.4 GeV, third-generation synchrotron light source and a variety of support laboratories. The extremely high quality of the machine and beamlines has set new performance records and has been producing results of great scientific interest. See <http://www.elettra.eu> for more information. A free-electron laser (FEL) based, fourth generation source - FERMI - is currently under commissioning. See <http://www.elettra.eu/FERMI/> for more information.

## Job Description:

The successful candidate will collaborate in the design and construction of the new fluid and mechanical systems necessary for the development of Elettra, as well as in the management, operation and maintenance of fluid and mechanical plants serving our present accelerators and buildings (HVAC, process cooling water, compressed air, technical gases, liquid nitrogen, fire-fighting systems, special plants, etc.).

She/he will be involved in the development of fluid and mechanical plants what concern the definition of technical aspects (technical specifications, timing, layout drawings, flow diagrams process, pipe and equipment plants for all process systems, etc.), as well as the administrative aspects (tender specifications, supplier follow-up, cost vs. benefit analysis, project planning and reporting, etc.). He/She will perform engineering evaluations and analyses, and make engineering decisions for all aspects of assigned tasks.

The successful candidate must be skilled in HVAC, fluid dynamics, pump system analysis, basic electrical capabilities and teamwork.

The successful candidate will be required to cover shifts for on-call for emergencies.

## Qualifications:

A master degree in mechanical, naval, management, chemical, energy nuclear or environmental engineering, or related disciplines is required.

Enrolment in the Italian Association of Engineers is required, as well as significant experience of at least five years in management, maintenance and design of industrial plants or proven experience in centralized mechanical plants is highly desirable.

In the absence of qualified candidates, curricula with shorter professional job experience could be considered.

Good time management skills and ability to prioritize are expected, together with the ability to interact with staff and facility users at all levels and to work in a multi-disciplinary team.

Good oral and written communication skills in English are required.

The deadline for the submission of application is June 29, 2018. The appointment envisioned is a fixed term contract of an initial duration of 24 months. The salary will be commensurate with previous experience and qualifications of the candidate.

Applications should include a full curriculum vitae, the names and contact information (including electronic mail) of at least two references.

We thank all applicants in advance.

**Applications should be sent by e-mail: [jobs@elettra.eu](mailto:jobs@elettra.eu)**

The position number **IN/18/01** should be clearly written on the application. The application must be accompanied by the following signed statement:

"The undersigned authorizes Elettra - Sincrotrone Trieste S.C.p.A. to handle his/her personal data for the purpose associated with the present announcement, within the meaning of Italian D.Lgs. 196/03".

## Privacy Policy

Thank you for sending your Curriculum Vitae and for the data that contained therein.

In accordance with provisions of the Italian Law L.D. 196/03, art. 13, we inform you about the following:

1. Your personal data will be inserted in our manual and electronic database and they will be strictly connected to this vacancy announcement and concerning the personnel selection;
2. Your data will be processed:
  1. manually and electronically;
  2. by person properly trained and authorised to deal with them in accordance with the Italian Law specified above;
  3. in accordance with safety standards that shall guarantee the non-disclosure of the personal data; prevent non authorised third parties to have access thereto;
  4. they shall be kept in our electronic and manual database for 24 months after that will be destroyed.

- The Data Protection Holder is **Elettra - Sincrotrone Trieste S.C.p.A.** represented by **Prof. Alfonso Franciosi**. The list of the persons responsible for the data processing is available, upon request, at the General Manager Office.
- According to art. 7 of the above Italian Law, you are entitled to:
  1. receive confirmation from the Data Protection Holder or from the responsible persons that your data are recorded or not and get evidence thereof;
  2. be informed on the data sources as well as on the methods and purpose of their processing;
  3. get the identifying data concerning of the Data Protection Holder and responsible persons;
  4. cancel, convert into an anonymous form or block the data processed not in accordance with the provisions of the above Italian Law;
  5. obtain the update, the amendment or, if required, the integration of the data;
  6. object to the processing of your personal data, for lawful reasons, by written notice.