

## VACANCY NOTICE

### Technical Support Officer

**Closing date for applications: 23/11/2020 - 12:00 noon (Barcelona time)**

Reference	Grade	Location
F4E/CA/FGIV/2020/0133	Contract Agent, FGIV	Garching, Germany <sup>i</sup>

**Fusion for Energy (or F4E) is looking for a highly motivated and experienced professional to work in the IFMIF Unit of our Broader Approach Department.**

#### IS THIS JOB FOR YOU?

Are you a passionate technical professional? Would you be excited to work on a multi-billion euro development project? Do you want a challenge?

The IFMIF unit will play a key role in the sourcing of F4E's contribution to fusion energy by contributing to the development of particle accelerators and neutron sources to characterize materials envisioned for future thermonuclear fusion reactors.

The IFMIF Unit, located on F4E/Garching site (Germany), provides support for the development of the IFMIF/EVEDA project (particle accelerator, Lithium Target Facility and test facility) and manages the procurement of hardware and services from F4E and European Institutes contributing to the IFMIF/EVEDA Project. This task is carried out in direct collaboration with the Japanese Home Team and Project Team, both located in Rokkasho-Mura, Japan.

Dynamic, hard worker and willing to work in multicultural environment are key traits of the successful candidate.

**The IFMIF/EVEDA Project** covers engineering design and validation activities for the International Fusion Materials Irradiation Facility, which is an accelerator driven fusion neutron source. The activities are shared between the Japanese Home Team in Rokkasho and the European Home team, composed of the IFMIF Unit at F4E and the European Contributors such as EUROfusion and the National Laboratories. Having achieved the completion of the Engineering Design and of the Validation of the Target Facility and Test Facility design, all current activities are focussed to the Validation of the IFMF Particle Accelerator design, which is executed at the Linear IFMIF Prototype Accelerator (LIPAc) facility in Rokkasho (Japan).

**THE EUROPEAN JOINT UNDERTAKING FOR ITER AND THE DEVELOPMENT OF FUSION ENERGY**

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## WHY F4E?

**F4E**, a European Union Joint Undertaking, headquartered in Barcelona, specifies and manages the production of the European contribution (45%) to ITER. This research fusion reactor being built in Cadarache, France, will be a major leap towards clean and sustainable generation of abundant base load energy, complementing renewables. In its role as the Implementing Agency for the **Broader Approach (BA)** Agreement with Japan, F4E provides components, equipment and other resources for the three Projects of the Broader Approach: IFMIF/EVEDA, IFERC and JT-60SA.

**ITER** is one of the largest construction projects in Europe and the world's largest scientific partnership. ITER brings together seven parties that represent half of the world's population – the EU, Russia, Japan, China, India, South Korea and the United States.

To find out more about F4E, visit us at <https://f4e.europa.eu/>

## THE JOB

As a member of the IFMIF Unit within the Broader Approach Programme and Delivery Department of F4E, and directly reporting to the IFMIF Head of Unit, the Technical Support Officer will support activities for the design, procurement, integration, implementation, and maintenance of LIPAc (Linear IFMIF Prototype Accelerator) components on Rokkasho site (Japan).

## YOUR KEY RESPONSIBILITIES

The successful candidate will:

- Support for the definition of the technical specifications and procurement plans for services, materials and components in support of the installation, commissioning, operation maintenance, of LIPAc systems on Rokkasho site;
- Provide support to calls for tenders from call procurement strategy to contract signature;
- Provide support to negotiation with tenderers during a procurement procedure;
- Draft the documents for contract definition and placements of low value procurements (up to 15000 Euro) and support the Senior Technical Officers in the initiation and follow-up of procurement contracts based on Open Calls and Negotiated Procedure;
- Monitor the execution contracts based on Open Calls and Negotiated Procedure in support of the Senior Project Managers of the IFMIF unit at F4E;
- Support for the preparation of the technical documentation including the aforementioned technical specifications for call for tenders, design and technical reports, as well as providing technical support to the preparation/resolution of deviations/non-conformities;
- Contribute to the installation, check-out tests, commissioning, and maintenance activities of the LIPAc to be carried out in Rokkasho- (Japan);
- Provide the input from the European Home Team for updating of project documents such as the Project Integration Document and the LIPAc 3D Mock-up.

## WHAT CAN WE OFFER YOU?

### Life in Garching (Bavaria, Germany)

Garching is the home of several research institutes and scientific experiment facilities and is directly connected to Munich by metro (15 km). Munich is one of Germany's strongest economist centres, strategically located in the centre of Europe, near the Alps with plenty of green spaces. Served by an international airport, with a European School (including kindergarten, primary and secondary school), very diverse offerings of leisure activities, a major European centre of arts, architecture, culture and science, makes Munich a great place to live. Located in the Bavaria region famous for its idyllic lakes, picturesque old towns, extensive vineyards, medieval towns, mythical palaces, castles and caves. It is a holiday region with Germany's highest mountains and largest forested area in Europe.

### Salary and benefits

**As an indication, the basic monthly salary, for grade CA FGIV (grade 13) is currently €3,531.26.**

In addition to the basic salary, staff members may be entitled to various allowances, in particular a household allowance, expatriation allowance (16% of basic salary and household allowance), dependent child allowance and education allowance.

The salaries of temporary agents are subject to a community tax deducted at source and are exempt from national taxation.

Where the successful candidate needs to relocate, F4E would normally reimburse removal expenses.

For further information on remuneration, please visit the dedicated page on [F4E's website](#).

F4E makes every effort to develop the competences of its staff in order to actively and significantly contribute to the achievement of its goals as well as to enhance their career prospects.

### Work-life balance

F4E enables staff members to reconcile family and professional life by offering flexible work arrangements and teleworking.

F4E staff members enjoy a basic entitlement of 24 days of annual leave as well as +/- 19 statutory public holidays per annum. Additional leave days may be granted for age and distance from the place of origin. Special leave is granted for certain circumstances such as marriage, birth or adoption of a child, death of a close relative etc.

## **WHAT ARE THE SELECTION REQUIREMENTS?**

### **A. ELIGIBILITY CRITERIA**

#### **A1. General requirements**

The candidate must:

- Be a citizen of one of the Member States of the European Union or of a Third state fully associated with the Euratom fusion programme (Switzerland).
- Enjoy his/her full rights as a citizen<sup>ii</sup>.
- Have fulfilled the obligations imposed on him/her by the laws of their home country concerning military service.
- Produces the appropriate character references as to his/her suitability for the performance of his/her duties.
- Be physically fit to perform their duties<sup>iii</sup>.

#### **A2. Education / Experience<sup>iv</sup>**

On the closing date for registration, the candidate must have:

A level of education which corresponds to completed university studies of at least three years attested by a diploma.

#### **A3. Language Skills<sup>v</sup>**

The candidate must produce evidence of a thorough knowledge of one of the languages of the European Union and of a satisfactory knowledge of another official language of the European Union to the extent necessary for the performance of his duties. One of the two languages must be English.

### **B. QUALIFICATIONS AND EXPERIENCE REQUIRED**

#### **B1 Essential Selection Criteria**

- University degree in Electrical or Mechanical Engineering or equivalent;
- Proven experience of at least 3 years in definition and management of technical requirements;
- At least 2 years of proven working experience in the field of high technology components;
- Availability to travel abroad inside and outside Europe.

## B2 Advantageous Selection Criteria

In addition to the above, the following criteria will be taken into account:

- Proven working experience in particle accelerator projects;
- Proven working experience in multidisciplinary international projects;
- Knowledge of international Codes and Standards;
- Knowledge of modelling techniques and software.

## B3 Competencies

The following competences will also be assessed:

- Ability to work as part of a team;
- Good analytical capabilities;
- Good organisational skills and ability to work under pressure;
- Ability to integrate into an international and multicultural environment;

## SUBMISSION OF APPLICATIONS

The online application process starts upon clicking “**CLICK TO APPLY**” next to a vacancy of your interest on the Open Positions page: <https://jobs.f4e.europa.eu/>

Applicants must register their applications online through the F4E E-recruitment tool by creating a valid F4E user account and submitting the documents mentioned below.

**Please note that the online e-recruitment application tool is the only acceptable means of sending in job applications.** Applicants are responsible for keeping their e-mail addresses and personal details up to date in their profile in F4E online application tool.

The mandatory fields in the profile marked with an asterisk should be duly filled in and the candidates are requested to submit the following 2 documents:

- A detailed Europass Curriculum Vitae in **English** (can be obtained at the following address: <http://europass.cedefop.europa.eu/en/documents/curriculum-vitae>)
- A motivation letter of 2 pages maximum in English

**Applications must be complete and validly submitted by the closing date for submission of applications**

**no later than 23/11/2020 at 12h00 noon Barcelona time.**

Fusion for Energy is an equal opportunities employer and takes care to avoid any form of discrimination. As part of its commitment to diversity, gender equality and geographical distribution, F4E strongly encourages applications from female candidates and applies a policy of equal opportunities. It does not discriminate against anyone on grounds of gender, race, colour, ethnic or social origin, genetic features, religion or belief, political or any other opinion, membership of a national minority, property, birth, disability or sexual orientation. Fusion for Energy offers measures to reconcile professional and private life and will provide reasonable adjustments at the workplace for persons with disabilities.

'Fusion for Energy' as the body responsible for organizing the selection process, will ensure that applicants' personal data are processed as required by Regulation (EU) 2018/1725 of the European Parliament and of the Council of 23 October 2018 on the protection of natural persons with regard to the processing of personal data by the Union institutions, bodies, offices and agencies and on the free movement of such data, and repealing Regulation (EC) No 45/2001 and Decision No 1247/2002/EC Text with EEA relevance. This applies in particular to the confidentiality and security of such data. Personal data shall be processed solely for the purpose of the selection procedure.

Applicants have the right to access and rectify their data. To update your CV and/or Motivation Letter and rectify any incorrect or inaccurate data, please login into your e-recruitment profile before the deadline for submission of the applications elapses.

After the deadline for applications has elapsed, this right will be limited to the rectification of identification details and contact information only.

In case you encounter technical problems when trying to submit your application via the e-Recruitment tool, please make a screenshot and send it to: [hr-selections@f4e.europa.eu](mailto:hr-selections@f4e.europa.eu).

It is the responsibility of the applicant to inform F4E about any technical problem without delay within the deadline mentioned above.

Please, do not send any supporting documents (i.e.: copies of your ID-card, educational certificates, evidence of previous professional experience etc.) with your application at this stage if not specified in the Vacancy Notice.

## CONDITIONS OF EMPLOYMENT

Successful candidates will be placed on a Reserve List, and one of the candidates thereon may be offered this position. The candidate(s) placed on the reserve list may be recruited in the grade CA FGIV on a contract with an initial duration of three years, with possibility of renewal. The established reserve list may be used to fill other similar positions at the same grade for the same or different durations, depending on business needs and budgetary availability, and at any of the F4E working locations.

The number of successful candidates sought for this reserve list is **four**<sup>vi</sup>.

Candidates should note that inclusion on the reserve list does not guarantee recruitment.

The validity of the reserve list is **31/12/2021** but this can be extended.

The probationary period is 9 months.

For more information on the selection process of Contract Agents and on the contractual and working conditions, please, refer to the "[Guide for applicants](#)" published on the F4E website along with this Vacancy Notice and the [Conditions of employment of Other Servants of the European Communities](#).

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<sup>i</sup> Given the needs of the organisation, the candidate may be offered a position at any of the other F4E working places.

ii Prior to any appointment, the successful candidate will be asked to provide a certificate issued by the competent authority attesting the absence of any criminal record.

iii Before his/her appointment, the candidate shall be medically examined in line with requirement of Article 12(2) (d) of the Conditions of employment of other servants of the European Communities.

iv Only study titles that have been awarded by the Members of the Joint Undertaking or that are subject to the equivalence certificates issued by the authorities in the said Member States shall be taken into consideration.

<sup>v</sup> Before obtaining an employment contract for indefinite duration, contract agents in function group IV shall be required to demonstrate the ability to work in a third official EU language.

vi The Selection Board will draw up the reserve list. Subject to availability of sufficiently good candidates, the list will be populated up to the number of successful candidates sought and stipulated in the vacancy notice. Eligible candidates who have been shortlisted for further testing and have obtained the highest overall marks following the assessment will be listed alphabetically. Where candidates tie for the last available place on the reserve list, they will all be included on the reserve list. Any readmitted candidates following a successful appeal at this stage of the procedure will also be added to the reserve list.