

## VACANCY NOTICE

<b>POSITION TITLE</b>	<b>TECHNICAL SUPPORT STAFF – INSTRUMENTATION AND CONTROL (F/M)</b>
<b>SELECTION REFERENCE</b>	F4E/CA/FGIV/2013/0085
<b>GRADE</b>	CONTRACT AGENT – FGIV
<b>LOCATION</b>	BARCELONA, SPAIN
<b>RESERVE LIST – MAXIMUM NUMBER</b>	10
<b>VALIDITY OF THE RESERVE LIST</b>	31/12/2014
<b>CLOSING DATE FOR APPLICATIONS</b>	19/09/2013 AT 12.00 NOON, BARCELONA GMT+1

### 1. RESPONSIBILITIES

As a member of the ITER Department of 'Fusion for Energy', the Instrumentation and Control Technical Support Staff will work in the Technical Support Services Unit and report to the Group Leader of the CODAC Group. He/She will be responsible for providing technical support in the Instrumentation and Control area to all Project Teams (PTs), in particular Diagnostics, Additional Heating and Remote Handling PTs. He / She will support the preparation and implementation of the technical specifications, including follow up on the related technical issues during all the procurement cycle.

The successful candidate will, among other tasks:

- Provide technical support to the ITER Project Teams in the areas of Diagnostics, Additional Heating and Remote Handling;
- Support the aforementioned Project Teams in the development of plant system instrumentation and control system;
- Promote a homogenous and coherent view within the different ITER subsystems enforcing the use of common software tools and methodologies;
- Collaborate in writing and reviewing technical specifications for the different ITER systems, helping on the understanding of ITER International Organization (IO) requirements and standardizations issues and translating those in understandable, feasible and optimal requirements for industrial procurements;
- Support ITER Department Project Teams in contract follow-up in the Instrumentation and Control area.

## 2. GENERAL CONDITIONS

### A. ELIGIBILITY CRITERIA

A1. In order to be eligible 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>1</sup>
- Have fulfilled the obligations imposed on them by the laws of their home country concerning military service.
- Be physically fit to perform their duties<sup>2</sup>.

A2. On the closing date for registration, the candidate must possess the following minimum qualifications:

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

AND

In addition to the above, appropriate professional experience of at least one year, acquired after the university degree.

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.

A3. The candidate must possess a thorough knowledge of one of the official languages of the European Union and a satisfactory knowledge of another language of the European Union to the extent necessary for the performance of his/her duties.

### B. QUALIFICATIONS AND EXPERIENCE REQUIRED

B1 Essential Selection Criteria

- University degree in Electronic or Control System or Electrical engineering, or equivalent;
- Proven experience of at least 3 years in development of Instrumentation and Control systems or data acquisition systems for complex industrial processes or large experimental devices<sup>3</sup>.
- Strong communication skills;
- Good organizational skills and ability to work under pressure;
- Ability to integrate into an international and multicultural environment;
- Good command of both written and spoken English, the working language of the ITER Project.

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<sup>1</sup> 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.

<sup>2</sup> Before his/her appointment, the candidate shall be medically examined in line with requirement of Article 82(3)(d) of the Conditions of employment of other servants of the European Communities.

<sup>3</sup> **Note that activity performed as part of a paid PhD training may also be considered as proven experience if relevant;**

## B2 Advantageous Selection Criteria

- Master / PhD on applied physics or electronic engineering or any other relevant field;
- Experience in design, development and commissioning of either plasma diagnostics, or fusion device additional heating systems or large remote handling systems;
- Experience in operation, design, development and commissioning of Tokamak<sup>4</sup> systems.
- Good knowledge of C/C++ or Java programming;
- Working experience in a European or international environment.

### 3. CONDITIONS OF EMPLOYMENT

A contract offer will be made as a Contract staff member, pursuant to Article 3a) of the Conditions of Employment of other Servants of the European Communities, for an initial period of three years, with the possibility of renewal. The probationary period is 9 months.

For more information on the selection process of Temporary Agents and on the contractual and working conditions, please, refer to:

- **Guide for Applicants:**

- <http://fusionforenergy.europa.eu/careers/Documents/Annex%20to%20the%20VN.pdf>

- **Conditions of employment of Other Servants of the European Communities:**

- <http://eur-lex.europa.eu/LexUriServ/site/en/consleg/1962/R/01962R0031-20060701-en.pdf>

The successful candidate will be recruited in **function group IV (FG IV)**. The grade (13, 14 or 16) will be determined in accordance with the years of professional experience. **As an indication, the basic monthly salary, before any deductions or allowances for FG IV (grade 13 step 1) is currently 3.145,45€.**

For further information on remuneration for contract agents, visit:

[http://ec.europa.eu/civil\\_service/job/contract/index\\_en.htm](http://ec.europa.eu/civil_service/job/contract/index_en.htm)

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 salary is subject to a reasonable Community tax deducted at source and staff members are exempt of national taxation.

**By way of an example and only as an indication, please see below the example of the monthly salary for a couple with 2 children including expatriation allowance (16%), dependent child (2 children under 6 years) allowance for 2 children:**

**FGIV/ grade 13/ step 1:**

**4.360,49€ net salary (including allowances, after taxes and pension contribution).**

**In addition, F4E offers social benefits with regards to schooling and a health insurance scheme.**

Under certain circumstances, in particular where the jobholder is obliged to change his/her place of residence in order to take up employment, 'Fusion for Energy' may also reimburse various expenses incurred on recruitment, notably removal expenses.

The place of employment is **Barcelona, Spain**.

Given the needs of the organisation, the candidate may be offered an employment at any of the other F4E working places: Garching (Germany) or Cadarache (France).

For reasons related to the 'Fusion for Energy's operational requirements, the candidate will be required to be available at short notice.

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<sup>4</sup> Or other similar devices: Reverse Field Pinch systems, Stellarators, etc.

#### 4. 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:

<http://fusionforenergy.europa.eu/careers/vacancies/Default.aspx>

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 19/09/2013 at 12h00 noon, Barcelona GMT+1.**

**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: [e-recruitment@f4e.europa.eu](mailto:e-recruitment@f4e.europa.eu)**

**It is the responsibility of the applicant to inform 'Fusion for Energy' 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.**