

VACANCY NOTICE

POSITION TITLE	SENIOR TECHNICAL OFFICER – MAGNETS PROJECT TEAM (F/M)
SELECTION REFERENCE	F4E/TA/AD9/2013/0178
GRADE	TEMPORARY AGENT – AD9
LOCATION	BARCELONA, SPAIN
RESERVE LIST – MAXIMUM NUMBER	5
VALIDITY OF THE RESERVE LIST	31/12/2014
CLOSING DATE FOR APPLICATIONS	14/11/2013 AT 12.00 NOON, BARCELONA GMT+1

1. RESPONSIBILITIES

As a member of the Magnet Project Team within the ITER Department of ‘Fusion for Energy’ (F4E), the Senior Technical Officer will be responsible for the manufacture of some of the ITER magnet components to be supplied by F4E. He/She will report directly to the Magnets Project Team Manager, or to his/her deputy.

The successful candidate will, among other tasks:

- Act as Technical Responsible Officer for the industrial contracts placed by F4E which could be related to the production of either superconducting strands, cabling and jacketing of the PF and TF conductors or PF or TF superconducting coils and which would imply the following responsibilities:
 - To manage, in cooperation with the selected supplier, the development of the workshop drawings, manufacturing procedures, design of the tooling, control plan and quality control procedures and tests during the different stages of the supply;
 - To manage the follow up of the manufacture and testing of the components at the supplier(s) and sub-suppliers premises with regular visits and inspections, including stays as required;
 - To monitor and approve all agreed steps in the control plan, including inspection and test protocols and results, or take resolution in case of deviations, non-conformities and unsuccessful results;
 - To monitor the schedule and cost of the components and plan the necessary actions to reduce the risk;
 - To process all Not Conformities found during the production phases;
 - To manage the team of inspectors working for the conductor production;
 - To coordinate the activities of the F4E Officers working in the follow up of the conductors/coil production;

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

Josep Pla nº 2 · Torres Diagonal Litoral · Building B3· 08019 Barcelona · Tel. +34 93 320 18 00 · Fax +34 93 320 18 51

<http://fusionforenergy.europa.eu>

- Produce regular reports and documentation for F4E and ITER International Organisation, as agreed in the Procurement Arrangements;
- Report the status of activities to the Magnets Project Team Manager and F4E management or other colleagues;
- Participate to conferences and other specific workshops reporting about the status of the design and procurement of the ITER magnet components.

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.¹
- Have fulfilled the obligations imposed on them by the laws of their home country concerning military service.
- Meet the character requirements for the duties involved.
- Be physically fit to perform their duties².

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

At least a level of education which corresponds to completed university studies attested by a diploma when the normal period of university education is four years or more and, after having obtained the university degree, at least 12 years of proven professional experience;

OR

At least a level of education which corresponds to completed university studies attested by a diploma when the normal period of university education is three years and, after having obtained the university degree, at least 13 years of proven professional experience;

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 duties³.

¹ 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.

² 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.

³ In addition, staff members are required to have a working knowledge of a third EU language, as described in the applicable Staff Regulations and Implementing Rules in order to be considered for their first promotion.

B. QUALIFICATIONS AND EXPERIENCE REQUIRED

B1 Essential Selection Criteria

- University degree in engineering, physics or equivalent;
- At least 12 years of proven professional experience in engineering activities, involving design and/or manufacturing in industry (medium and/or large projects) with the application of Quality Assurance requirements;
- At least 9 years of relevant experience in manufacturing technologies associated with:
 - superconducting conductors (e.g. conductor fabrication, cable in conduit fabrication) and/or
 - magnets (e.g. winding, electric insulation, VPI impregnation, cold testing);
- Knowledge of management and scheduling tools;
- Good analytical capabilities;
- Strong communication skills;
- Good organisational 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.

B2 Advantageous Selection Criteria

- Experience in the follow up and management of industrial contracts, especially related to superconducting conductors and/or magnets;
- Good familiarity with Quality Assurance and Quality Control management in industrial contracts;
- Good familiarity with international codes and standards for stainless steel welding and Nondestructive Testing (NDT);
- Willingness to travel;
- Good familiarity with planning tools;
- Knowledge of scientific and engineering topics of the ITER project and of ITER related activities;
- Working experience in a European or international setting.

3. CONDITIONS OF EMPLOYMENT

A contract offer will be made as a member of temporary staff, pursuant to Article 2(a) of the Conditions of Employment of other servants of the European Communities.

The successful candidate will be recruited in the grade AD9 on a contract with an initial duration of five years, with possibility of renewal. The probationary period is 6 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 salaries of temporary agents are subject to a community tax deducted at source. They are exempt from national tax. The European institutions have their own social security and pension scheme. **As an indication, the basic monthly salary, before any deductions or allowances, for grade AD9 (step 1) is currently 7.127,99€.**

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 (under 6 years) allowance for 2 children.

AD9 step 1:

8.075€ 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' operational requirements, the candidate will be required to be available at short notice.

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 14/11/2013 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

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.**