

VACANCY NOTICE
F4E/FO/AD/2013/0146
(Permanent Post – AD 9/11)

POSITION TITLE	SENIOR TECHNICAL OFFICER FOR REMOTE HANDLING (F/M)
GRADE	AD 9/11
LOCATION	BARCELONA, SPAIN
CLOSING DATE FOR APPLICATIONS	23/04/2013

1. THE ORGANISATION

The European Joint Undertaking for ITER and the Development of Fusion Energy ('Fusion for Energy' or F4E) plays a key role in realising fusion as a possible future source of energy by providing the European contributions to the ITER International fusion energy project and the Broader Approach Agreement with Japan as well as by preparing for the construction of a demonstration fusion reactor.

In its role as the Euratom Domestic Agency for ITER, F4E:

- Oversees preparation of the ITER project site in Cadarache, France;
- Provides in kind components, equipment, materials and other resources to ITER;
- Manages procurement arrangements with ITER ;
- Coordinates Euratom's participation in the scientific exploitation of ITER;
- Provides for the implementation of R&D activities in support ITER;
- Provides Euratom's financial contribution to ITER;
- Provides arrangements to make human resources available for ITER.

In its role as the Implementing Agency for the Broader Approach Agreement with Japan, F4E:

- Provides components, equipment and other resources for the Broader Approach (BA);
- Coordinates Euratom's participation in the Broader Approach implementation ;
- Provides for the implementation of associated R&D activities;
- Provides the Euratom financial contribution to the Broader Approach;
- Arranges to make human resources available for the Broader Approach.

In preparation for the construction of a demonstration fusion reactor (DEMO) and related facilities including the International Fusion Materials Irradiation Facility (IFMIF), F4E will implement a programme of research, development and design activities.

For further information about the structure and tasks of F4E, please consult the website at <http://fusionforenergy.europa.eu>

2. CONDITIONS OF EMPLOYMENT

This publication concerns a permanent position and, therefore, the candidate **must** be an **EU official in an EU Institution or Agency / Body**.

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).

3. JOB DESCRIPTION - RESPONSIBILITIES

As a member of the Remote Handling (RH) Team within the ITER Department of Fusion For Energy, the Senior Technical Officer for Remote Handling will report directly to the RH Project Manager. He/she will be responsible for the definition and implementation of activities related to standardisation and integration of the various Remote Handling Systems allocated to F4E, with particular emphasis for the control system, on areas like system architecture, human-machine interface, virtual and augmented reality, viewing system, haptic devices, master-slave force feedback manipulators, low level control system, networking, in a nuclear plant environment.

The successful candidate will, among other tasks:

- Liaise with ITER International Organisation in the definition and execution of the procurement - in-kind obligations – in compliance with the quality system requirements – and of the needed preparatory activities;
- Define, or contribute to the definition of, the strategies for design and procurement of the Remote Handling Control system (RHCS);
- Define, develop or contribute to the preparation of detailed technical specifications and quality control documents of the call-for-tenders for the RHCS components operating the Remote Handling Systems (e.g. nuclear grade moving-machinery, cranes, robotic arms, special tools etc.), with consideration for nuclear-safety related issues;
- Define the needs for, and supervise, the implementation of specific studies and R&D in support to the main design and manufacturing activities;
- Develop or contribute to the coordination of the development of work programs and planning of the Joint Undertaking for specific Remote Handling Systems;
- Follow-up the progress of contracts by tracking activities against plan and provide regular and accurate reports, analyses and evaluation of results;
- Supervise manufacturing, installation and test activities for the nuclear-grade RHCS integrated with the rest of ITER plant control system.

4. QUALIFICATIONS AND EXPERIENCE REQUIRED

- Being an established EU official at grade AD 9/11 in a EU Institution or Agency/Body;
- At least 12 years of proven working experience in engineering activities, involving design and/or manufacturing and/or installation/commissioning of remote handling control systems and components, in cooperation with laboratories and/or industry in a Quality System regime;
- Wide experience in:
 - Virtual reality applications;
 - Human-machine interface including haptic devices and force-feedback manipulations;
 - Control system architectures and components;

- project management;
- team management;
- procurement contracts;
- Good command of both written and spoken English, the main working language of the ITER Project.
- Excellent analytical, reporting and organisational skills;
- Good ability to work under pressure;
- Good interpersonal skills and ability to integrate into an international and multicultural environment.

Knowledge and/or experience of the following will be advantageous:

- Good knowledge of fusion relevant technologies and design of fusion devices components.
- Good knowledge of project management rules and related IT tools (e.g. scheduling, documentation management system);
- Strong IT skills;
- Knowledge of written and spoken French and/or Spanish

5. SELECTION PROCESS

A Selection Board will be set up for the selection process.

The eligibility of candidates will be assessed by the board according to compliance with all formal requirements by the closing date for the submission of applications.

On the basis of the CV and taking into account this notice of vacancy, the Selection Board will decide which are the candidates best suited to be invited for an interview, which will be held mainly in English.

The interview sessions will be held in Barcelona, Spain, and candidates will be evaluated by the Selection Board.

When possible, a list of the most suitable candidates will be transmitted to the Appointing Authority, who will appoint the successful candidate.

As soon as this decision is taken, all candidates will receive an information letter.

The present vacancy notice is subject to the availability of budget and posts in the establishment plan of the Joint Undertaking, as decided by the EU budgetary authority.

Please note that applications will not be returned to candidates but will be kept on file by 'Fusion for Energy'. The information provided in your application is subject to EU legislation on protection of personal data and confidentiality of information.

If at any stage of the procedure it is established that any of the information a candidate provided is incorrect, this candidate will be disqualified.

Taking into account the nature of the duties, and in order to facilitate the selection process, all communications to candidates concerning this selection procedure will be in English.

6. GENERAL INFORMATION

Commitment to promote equal opportunities

'Fusion for Energy' is an equal opportunities employer and strongly encourages applications from all candidates who fulfil the eligibility and selection criteria without any distinction whatsoever on

grounds of nationality, age, race, political, philosophical or religious conviction, gender or sexual orientation and regardless of disabilities, marital status or other family situation.

Indicative timetable for selections

As a rough guide only, the selection procedure can take up to 4 months after the closing date for submission of applications.

The different stages of the selection procedure are the following:

Publication of the Vacancy Notice

For EU Officials positions the publications should stay online at least 10 working days (2 weeks).

The screening of applications

From 3 to 5 weeks for the selections with less than 50 applications

From 6 to 8 weeks for the selections with more than 50 applications.

Invitation and rejection letters

The formal invitation letters are sent by email at least 3 weeks before the interview date.

Not invited candidates are informed on the same time on the outcome of the screening process.

Interviews and deliberations

From 2 to 3 weeks

Communication to candidates on the final outcome of the selection

From 1 to 2 weeks

Communication with applicants

Taking into account the nature of the duties, and in order to facilitate the selection process, all communications to candidates concerning the selection procedures will be by email and in English only. Applicants are advised to check their e-mail regularly to see whether they have received any communication and also update their profiles in the e-recruitment tool in the event of any change in their contact details. All enquiries or requests for information or documentation in relation to selection procedures should be addressed to 'Fusion for Energy' HR Selections Team by e-mail to:

hr-selections@f4e.europa.eu

Reimbursement of travel expenses

Travel expenses incurred for interviews will be reimbursed by 'Fusion for Energy' according to its rules for the reimbursement of travel expenses sent along with the letter inviting to an interview.

Protection of personal data - Privacy notice

'Fusion for Energy' as the body responsible for organizing the selection process, will ensure that applicants' personal data are processed as required by Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data. 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.

Should the applicant have any query concerning the processing of his/her personal data, he/she shall address them to the following address: Resources-Controller@f4e.europa.eu

Appeal and Complaint procedures

Applicants that consider that he/she has been adversely affected by a particular decision regarding this selection can lodge a complaint. For further details on how to proceed, please consult the appropriate document published on our website.

7. 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 3 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
- **Proof of your seniority in grade and step**

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

no later than 23/04/2013 at 12h00 noon, Barcelona GMT+1.

Please, note that only complete applications containing the above mentioned documents and information required and submitted on time will be taken into account.

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.